

Result No.	Score	Query Match	Length	DB	ID	Description
1	427.2	21.5	1717	4	US-09-595-682B-20	Sequence 20, Appli
2	342.4	21.4	1701	3	US-09-264-737-3	Sequence 3, Appli
3	346.4	17.5	1453	4	US-09-799-016-562	Sequence 56*, Appli
4	319.2	16.1	2117	4	US-09-949-016-1799	Sequence 3799, Appli
5	319.2	16.1	2169	4	US-09-949-016-555	Sequence 555, Appli
6	319.2	16.1	2191	4	US-09-595-882B-27	Sequence 27, Appli
7	272.8	13.8	1746	4	US-10-023-515-3	Sequence 3, Appli
8	272.8	13.8	2158	4	US-10-023-515-1	Sequence 1, Appli
9	205	10.3	10827	4	US-09-949-016-12297	Sequence 12397, Appli
10	148.2	7.5	1725	4	US-09-810-861B-5	Sequence 5, Appli
11	148.2	7.5	1845	1	US-07-732-962A-1	Sequence 1, Appli
12	148.2	7.5	1845	2	PCT-US92-061-1	Sequence 1, Appli
13	148.2	7.5	2158	4	US-09-949-016-1192	Sequence 1192, Appli
14	148.2	7.5	2158	4	US-09-949-016-1193	Sequence 1193, Appli
15	148.2	7.5	2256	2	US-08-318-826A-5	Sequence 5, Appli
16	148.2	7.5	2256	2	US-08-370-156-1	Sequence 1, Appli
17	148.2	7.5	2256	3	US-08-814-095-1	Sequence 1, Appli
18	148.2	7.5	3016	2	US-08-318-826A-7	Sequence 7, Appli
19	148.2	7.5	3016	2	US-08-370-156-5	Sequence 5, Appli
20	148.2	7.5	3016	3	US-08-814-095-5	Sequence 5, Appli
21	148.2	7.5	3096	2	US-08-318-826A-6	Sequence 6, Appli
22	148.2	7.5	3096	2	US-08-370-156-3	Sequence 3, Appli
23	148.2	7.5	3096	3	US-08-814-095-3	Sequence 3, Appli
24	148.2	7.5	5767	4	US-09-810-861B-3	Sequence 3, Appli
25	148.2	7.5	14446	4	US-09-810-861B-4	Sequence 4, Appli
26	137.2	6.9	9885	4	US-09-949-016-12934	Sequence 12344, Appli
27	137.2	6.9	9885	4	US-09-949-016-12935	Sequence 12335, Appli

GENERAL INFORMATION:

Applicant: Tang, Y. Tom
Applicant: Zhou, Ping
Applicant: Goodrich, Ryle
Applicant: Asundi, Vinod
Applicant: Ren, Feiyan
Applicant: Zhang, Jie
Applicant: Xue, Abdong J.
Applicant: Zhao, Qing A.
Applicant: Wang, Jian-Rui
Applicant: Ma, Yunqing
Applicant: Yamazaki, Victoria
Applicant: Chen, Rui-hong
Applicant: Wang, Zhiwei
Applicant: Wang, Dunrui
Applicant: Yang, Yongruo
Applicant: Wehrman, Tom
Applicant: Ghosh, Reena
Applicant: Dumanac, Radote T.
Title of Invention: No. 6783969el Nucleic Acids and Polypeptides

File Reference: 803

Current Application Number: US/09/799,451

Current Filing Date: 2001-03-05

Software: pt_FL_genes Version 2.0

SEQ ID NO 562

Length: 1453

Query Match 17.5%; Score 346.4; DB 4; Length 1453;
Best Local Similarity 99.7%; Pred. No. 3.6e-85;
Matches 347; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1605 CCACAGGCCCTTCATGGTAACGGAGGCAACTAGCTCCAGATGAAATACTGG 1664
Db 826 CCCAGGCCCTTCATGGTAACGGAGGCAACTAGCTCCAGATGAAATACTGG 885

1665 CCACATTGGCCGCACAGGAACCCAAATGANGGAATCTGGCTGGCAAGCTACA 1724
Db 886 CCACATTGGCCGCACAGGAACCCAAATGANGGAATCTGGCTGGCAAGCTACA 945

1725 ACAGGATGAAGTACTCGAGCTGATTTACACAGTGCTGAGCTCAGG 1784
Db 946 ACAGGATGAAGTACTCGAGCTGATTTACACAGTGCTGAGCTCAGG 1005

1785 AGAGAAGATGGCTTTGGTAGATCTGACAGCTGAGCTGAGCTGAGGGC 1844
Db 1006 AGAGAAGATGGCTTTGGTAGATCTGACAGCTGAGCTGAGCTGAGGGC 1065

1845 ATTCTAAGGGCTGCTATGCCGAAGGCAAAAGGGGTTGCCCCCACCATCCAGGC 1904
Db 1066 ATTCTAAGGGCTGCTATGCCGAAGGCAAAAGGGGTTGCCCCCACCATCCAGGC 1125

1905 CCTGGGAGACTGCCATGGACATCTGGGACAAAGGTCTACCA 1952
Db 1126 CCTGGGAGACTGCCATGGACATCTGGGACAAAGGTCTACCA 1173

RESULT 4
US-09-949-016-3799
Sequence 3799, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; Applicant: VENTER, J. Craig et al.
; Title of Invention: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; Title of Invention: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; File Reference: CL001307

Qy 842 AGCATCTAGGACTGATGATGATGCTACCCCTAGCCCTAGCCCTCTCCATGGGCCATTTCC 901
Db 679 AGTGTCTATCCCTCTATTATCCCTGACCAAGATCTCCATGAGAATTTCC 738

Qy 902 CAGATGGCACCAGGTTATTAGACTTTTCATCACTAGTAACCACTAAAGTGGCCAG 961
Db 739 GAGATGGCTGCCCTTCAGTCAGTCAGAACCAACTCCCTGGCTCTAG 798

Qy 962 AACGTTGCCACCTGGCTGATGAAACCAACGAGATCCCTGAAACTGCTG 1021
Db 799 AAATTGGCATCGAAGCTGGGTAAACCAACCTGGCTCATGGTCACTGCTG 858

Qy 1022 AGGCCACTATCGGACCAAGGTATGGCTGTCACAGATCCCAACTG 1081
Db 859 CGCGAGACAGGAGAAACTCTGAGGAGACATGGAGTCAATGAAATTATGGCTA 918

Qy 1082 AACTTCCAGAGAGAACCCGAAAGGATTTCTGGCTCATGAGCCTGTTGGATGGCTG 1141
Db 919 GATCTAGTGGGACCCAAAGAACCCGCTTCCTGACCATGATGGCTG 978

Qy 1142 GATCCAGATGACCCCTGGCTCTGACCTGGCTCTGCTGCCCAC 1201
Db 979 CTGCTGCCAAAAGCACCTGCAAGGATTCAATTGGCTTATATCATGAGATTCCTAC 1038

Qy 1202 CTTCTAGGTCAACAAACCTGGATTCAATTGGCTTGCCTTGCCTGAGCTCCG 1261
Db 1039 ATGGGGAAATCACCGAACGGTGGTGGATTATCCATGAAATGCTGGCTAT 1098

Qy 1262 CTAACCCGAGCGGA--TGAGAAAGGAACCATCACTAAGATGGCTCTGGAGTACCGC 1318
Db 1099 CCACCTCTGAAGCCAAACTGGACCAACTCTGGAGTCCCTAC 1158

Qy 1319 ACCCTGTTGAATATCACCAAGGGACGGTACCACTGGGTGGAGGAGTACCTGGACAT 1378
Db 1159 CCCATTGTCAATGTCTCAAGGCTGACTCCAGTGGCACTGGATTAGGG 1218

Qy 1379 GTCTATGGCACTGAGATGCTACGAAACCGTATGATGACATGGCTGCC 1438
Db 1219 ACAGATGACCTGTCAAAGA---AAGACTTGTCTGGACATGCTGGATTG 1272

Qy 1439 ACTTTCGTTGATGCCACACTGGAGACTGCTCACTACCCAGGATGGCCCTCCCTGC 1498
Db 1273 TTATTGTTGTCCTCATCTGTGATGTGGCTCCTGCACTGGAGATGGCTG 1332

Qy 1449 TACCTGTGAAATTGAGCAACCGCTG--TGAATAATTCTCAACCCGACTGT 1555
Db 1333 TATATGTGATGATGGTATGCCATCTGAGATGGAGCTGAGCTGAGCTG 1392

Qy 1556 GGGCAGACCACTGGGATGAGATGACTTCCTTGGGCCCTGGCAAGGCCCT 1615
Db 1333 ATAGGGGACATGGAGATGCTCTGCTGGCTTAAAGGGT 1452

Qy 1616 TCCATGGCTAAGGAGRGGCACTTGGCTCCAGATGATGAAATACTGGCCAACTTGGC 1675
Db 1453 GCGACAGAGAGGAGATAACTGGCAATGCTGAGATGGCTGAGCTTGT 1512

Qy 1676 CGACAGGAAACCCAACTGATGGCAATGCTGCTGCTGCCAGCTAACAGGATGAA 1735
Db 1513 AGGAATGGAAATCCCAATTGGAGAAGGGCTTCCCTCAATGCCAGCATATGACTAACAGGA 1572

Qy 1736 AAGTACCTGGCACTGAGTGGCTGAGCTCAAGGAGAAGATG 1795
Db 1573 GGTTACCTGGCACTGAGTGGCTGAGCTCAAGGAGAAGCTGAGGAGT 1632

Qy 1796 GGTTTTCGGA 1805
Db 1633 GGTTTCGGA 1642

RESULT 3
US-09-799-451-562
; Sequence 562, Application US/09799451
; Patent No. 6783969

CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: Fast-SEQ for Windows Version 4.0
 SEQ ID NO: 3799
 LENGTH: 2117
 TYPE: DNA
 ORGANISM: Human
 US-09-949-016-3799

Query Match 16.1%; Score 319.2; DB 4; Length 2117;
 Best Local Similarity 54.0%; Pred. No. 1.4e-77;
 Matches 828; Conservative 0; Mismatches 643; Indels 63; Gaps 6;

Qy	284 CAGATGCAATGCGGAAGAACACCCATCCAAAGTCAGTCTTTCAGACT 343	Db	1124 CCTCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGG 1183
Db	195 CATGTGAAGGGCCTAAATGGGGTCRAAACCTTCTGGAAATTGCCAANGCA 254	Qy	990 GGATGGTGGATCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGG 1049
Qy	344 CCTCTAGTATTCCTCAGGTTGACCTTCAGGTTGACCTTCAGGTTGACCT 403	Db	1184 GTTTCATCTGGCCCTACCTCTAGGTTCAAACTGAAATTCAATTTGGCTCTGCCT 1243
Db	255 CCTCTAGGTTGACCTTCAGGTTGACCTTCAGGTTGACCTTCAGGTTGACCT 314	Qy	1050 TTTCAGCCGCTCTAGATGTTGGTGTCAACAACTATGANTCGCTGGCTCATCCCC 1109
Qy	404 GATGCTAACCTACCGCTGGTGTCTGGAGGTCCTGGGCCAACCTGGCTCATGG 463	Qy	1244 TATATCATGAAAGTTCCTGCTAAACCGCCAGGGATGAGAAAGAACATCAATAATG 1303
Db	315 GATGAAACCCATCGGCCATCTGGCTAACGACCTAACGGAGTAGTGAATT 374	Db	1110 AAGGTCTAGGGATTATGACCTGGAAATGGGAAATGGGAAATGGGAAATGGG 1169
Qy	464 TAGTGATGACAGCGAACGTTAACATGACCTTCCTGGCTGACTCTGACTG 523	Qy	949 AGGGGATTCCTGGAAATTCAAGATGATGACCTGGCTGGCTGGCTGG 989
Db	375 CTTAGGCAGTCAACATGACCTTCCTGGCTGACTCTGGGACTGCTGCTGACTC 434	Db	1124 CCTCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGG 1183
Qy	524 AACGGTAACTGGCCGGGGATCCCACTGGCAAGTGTCTGGCTGGTCTGGTC 583	Qy	990 GGATGGTGGATCTGGTGGATCTGGTGGATCTGGTGGATCTGGTGG 1049
Db	435 AGCATTAACGGCCCTCATGGGCTTACCTGGCTGATGGCTGATGGCTGATC 494	Qy	1184 GTTTCATCTGGCCCTACCTCTAGGTTCAAACTGAAATTCAATTTGGCTCTGCCT 1243
Qy	584 CGGGGAGGGCCTTCATGGCTGGCTGCTTCAGGCTCTGGCTGGCTGGCTGG 643	Db	1050 TTTCAGCCGCTCTAGATGTTGGTGTCAACAACTATGANTCGCTGGCTCATCCCC 1109
Db	495 CACGGTGTGGCTGTTTGGATGGCTCTGGCTGGCTGGCTGGCTGGCTGG 554	Qy	1244 TATATCATGAAAGTTCCTGCTAAACCGCCAGGGATGAGAAAGAACATCAATAATG 1303
Qy	644 CGCGGAGAAGTGGTGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 703	Db	1110 AAGGTCTAGGGATTATGACCTGGAAATGGGAAATGGGAAATGGGAAATGGG 1169
Db	555 TTGGGAGAACCTGGCTGGCTGGCTCATCATCGCTGGCTGGCTGGCTGGCTGG 614	Qy	944 CCACTGAAAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1003
Qy	704 ACGGACACAGGCCAACCGCACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 763	Db	955 GCTGATGTCATCTCCACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 914
Db	615 ACTGGGAAACACCAAACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 674	Qy	1004 ATCCCTGTAACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1063
Qy	764 TGGGTGGAGGAAACATGGACCTGGCTGGGAGGACCAAGGAAATGTCAGGCTGG 823	Db	915 GCCCTGGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 948
Db	675 TGGGTGGAGGATATGGCCACTTGGGCAACCTGACCTGGCTGGCTGGCTGG 734	Qy	1064 ATGAGATGAACTGAGGAACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1123
Qy	824 CAGTCGGGGGCCATTAAGCATCTGGAGCTGGCTGGCTGGCTGGCTGGCTGG 883	Db	915 GCCCTGGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 948
Db	735 GAGCTCTGGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 794	Qy	1064 ATGAGATGAACTGAGGAACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1123
Qy	884 TTCCATGGCCATTTCAGGAGTGGCACCGGGTATTCAGACTTTCATCACTGAAAC 943	Db	915 GCCCTGGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 948
Db	795 TTCCACGAGGCACTATGGAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 854	Qy	944 CCACTGAAAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1003
Qy	944 CCACTGAAAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1003	Db	955 GCTGATGTCATCTCCACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 914
Db	855 GCTGATGTCATCTCCACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 914	Qy	1004 ATCCCTGTAACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1063
Qy	1004 ATCCCTGTAACCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1063	Db	915 GCCCTGGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 948
Qy	1064 ATGAGATGAACTGAGGAACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1123	Qy	1064 ATGAGATGAACTGAGGAACTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 1123

RESULT 5
 US-09-949-016-555
 Sequence 555, Application US/09949016
 ; Patent No. 6812319
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIORITY NUMBER: 60/237,768
 ; PRIOR APPLICATION NUMBER: 2000-10-03
 ; PRIOR FILING DATE: 2000-09-08
 ; PRIORITY NUMBER: 60/231,498
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: Fast-SEQ for Windows Version 4.0
 ; SEQ ID NO: 555
 ; LENGTH: 2169

Qy	1778	CTCAAGGAGAGATGGTTTGTGATGAG 1809
Db	1704	CTCAAGAAACCGGGTGGATTGGACAG 1735
	RESULT 9	
	US-09-949-016-12297	
	Sequence 12297, Application US/0949016	
	Patent No. 6812339	
	GENERAL INFORMATION:	
	APPLICANT: VENTER, J. Craig et al.	
	TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF	
	FILE REFERENCE: CL001307	
	CURRENT APPLICATION NUMBER: US/09/949, 016	
	CURRENT FILING DATE: 2000-04-14	
	PRIOR APPLICATION NUMBER: 60/241,755	
	PRIOR FILING DATE: 2000-10-20	
	PRIOR APPLICATION NUMBER: 60/237,768	
	PRIOR FILING DATE: 2000-10-03	
	PRIOR APPLICATION NUMBER: 60/231,498	
	PRIOR FILING DATE: 2000-09-08	
	NUMBER OF SEQ ID NOS: 207012	
	SOFTWARE: FastSeq for Windows Version 4.0	
	SEQ ID NO: 12297	
	LENGTH: 10827	
	TYPE: DNA	
	ORGANISM: Human	
	US-09-949-016-12297	
	Query Match 10.3%; Score 205; DB 4;	
	Best Local Similarity 95.5%; Pred. No. 1e-45;	
	Matches 211; Conservations 0; Mismatches 10; Indels 0; Gaps 0;	
	Qy 18 CGAGGCCCTCCGCCCAAGTACTTGCCAGGGATAAGAGCATAAGTGTGCTCAC 77	
	Db 5046 CTAATCTCTCCGCCCAAGTACTTGCCAGGGATAAGAGCATAAGTGTGCTCAC 5105	
	Qy 78 ACACTGTAAGACCGCTAACATGCATCCAGTGTGCTCATCCAGTGTGCTCAC 137	
	Db 5106 ACACTGTAAGACCGCTAACATGCATCCAGTGTGCTCATCCAGTGTGCTCAC 5165	
	Qy 138 TCCCTCCCAAGCAGGAGCTGGCTGAGTGGATTCTGGCTGAGCTTCAGTGTGCTCAC 137	
	Db 5166 TCCCTCCCAAGCAGGAGCTGGCTGAGTGGATTCTGGCTGAGCTTCAGTGTGCTCAC 5225	
	Qy 198 TCTGCTCTATGGCCAGAGGCCCTTGCCCTTGCAACACC 238	
	Db 5226 TCTGCTCTATGGCCAGAGGCCCTTGCCCTTGCAACACC 5266	
	RESULT 10	
	US-09-810-861B-5	
	Sequence 5, Application US/0910861B	
	Patent No. 6770799	
	GENERAL INFORMATION:	
	APPLICANT: Mor, Tsafir S.	
	APPLICANT: Soreq, Hermona	
	APPLICANT: Arntzen, Charles J.	
	APPLICANT: Mason, Hugh S.	
	TITLE OF INVENTION: EXPRESSION OF RECOMBINANT HUMAN ACETYLCHOLINESTERASE IN TRANSGENIC PLANTS	
	FILE REFERENCE: BT1-45	
	CURRENT APPLICATION NUMBER: US/09/810,861B	
	PRIOR FILING DATE: 2001-03-16	
	PRIOR FILING DATE: 2000-03-17	
	NUMBER OF SEQ ID NOS: 5	
	SOFTWARE: PatentIn Ver. 3.1	
	SEQ ID NO: 5	
	LENGTH: 1725	
	TYPE: DNA	
	ORGANISM: Artificial Sequence	
	1644 GCTATAATCTGACTGAGACCTCCAGTGTGACTGAGTACCTCCAGTGTGACTGAGA 1703	

FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: human acetylcholinesterase gene optimized for
; OTHER INFORMATION: expression in plants

US-09-810-861B-5

Query Match	7.5%	Score 148.2;	DB 4;	Length 1725;				
Best Local Similarity	48.3%;	Pred. No.	1.9e-30;					
Matches	680;	Conservative	0;	Mismatches	693;	Indels	36;	Gaps 8;
Qy	305	CCCATCCAAAGTCTTTAGGAGTCCCCTTCAGACTCTCTAGGTATCCCTCAGGTTT	364	Db	175	CCGTCTCTGTTCCGGATCCCTTGGCAACCATGGACCTGGCTCGCTT	234	Db
Qy	365	GCACCTCCAGAACCCCCGGAGGCCCTGAAAGGAAATCAGAGATGCTACCCGGCT	424	Db	235	CTGCCAACGGAAAGCCAAAGGCCAACGGCTTGGTCAAGCTACCTACAGGT	294	Db
Qy	425	GCGTGCTCAGGAGTCTGGCCCAAGTGGCTCGATGACTCAGAACGGAAACGG	484	Db	295	GCTGCTTACCAATAATGT--GGACACCTTAACTCCAGGTGTCAGGATGTTG	351	Db
Qy	485	TACAAGTGGCTGGCTTCAGGGAGGACTGTCCTACCTGAACGTGTAACGGCGC	544	Db	352	AACCCAACCGTGAGCTGAGGAACTGACACCATACCC	411	Db
Qy	545	GGGCCCCGGGATCCCAGTGGCTGGTCTGGGACTGGGCTCTCATGTT	604	Db	412	CGGCC---TACATCCCCAACCTCTGGCTCTGGATCTAATGGGTCTCTAGT	468	Db
Qy	605	GGCGCTCTTCTT-----CGTAGCAGGCTCTGACTGTTGGCGGAAAGTGTG	658	Db	469	GGGGCCTCTCTGGAGTGTAGTCGATGCGCTCTGGTCAAGGGACTGTG	528	Db
Qy	659	CTGGTGTTCAGCACAGGCTGGCATCTCTGGCTCTGGCTCTGGCTGGACAGCC--	716	Db	529	CTGGTGTTCATTAACCTACGGCTGGGAGCCCTGGCTCTGGCTGGAGCGGA	588	Db
Qy	717	-ACGGGGGGAAACTGGGGCTGCTGGACAGCATGGGGCTGCTGGCTGGAGGAG	775	Db	589	GGGGCCGGGCAATGTGGGTCTCTCTGCTGAGGTGGCCCTGCTAGTGCTGAG	648	Db
Qy	776	AACATCGGCGCTTCGGGGAGCCAGGAATTGACCCCTGTCGCCATGGCGGGG	835	Db	649	AACGTGGCAGCTTCTGGGGTACCCGACATCTAGTGACGCTGTTGGGAAGGGGA	708	Db
Qy	836	GGCATGAGCATCTCAGGACTGATGATGTCACCCCTGCTGGCTCTGGCTGGCC	895	Db	709	GGCGCTGGCTGGCATCCCTGTCGGCTGGCTGGCCCTGGCC	768	Db
Qy	896	ATTCCTGGAGTGG-----CACCGCTTATTCAGACTTTCTCACTAGTAACCCCTG	949	Db	769	GTGCTGCGAGGGTGGCCCATGGACCCATGGGCTGGCTGGAGGGCCGT	828	Db
Qy	950	AAAGTGGCAAGAGGTGCCCCATGGTGGATGCAACCAACAGACAGATCTG	1009	Db	829	CGCAGGGCACGCTGGCTGGCCACCTGTGGCTGCTCTGGGGAAT	888	Db
Qy	1010	CTAAACTGCGCTGAGGGCACTATCAGGACCAAGGTGTCACAAAGATGAGA	1069	Db	889	GACACAGAGCTGAGCTGGCTGGCTGGCAAGCAGGGAGCTGGTGA-----	941	Db
Qy	1070	TTCTCTCAAACGAACTGAACTCCAGATGAGCCCTTGTGCTCATGGCCCTGT	1129	Db	942	-CCACGAAATGSCACGGCTCCATGACACCCAGGGCTTCCTGCTGCTGT	999	Db
Qy	1130	GTGATGCGGAACTGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG	1189	Db	1000	GTGATGCGGAACTGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG	1059	Db
Qy	1190	TCTGTCGCTACCTCTTGTAGGTCTCAACACCTGGAAATTCAATTGGCTTATTC	1249	Db	1060	GGCTGTCGAGGTCCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG	1119	Db

RESULT 11
US-07-732-962A-1
; Sequence 1, Application US/07732962A
; Patent No. 524604
; GENERAL INFORMATION:
; APPLICANT: Fischer, Meir
; TITLE OF INVENTION: EXPRESSION OF ENZYMATIALLY ACTIVE
; NUMBER OF SEQUENCES: 2
; TITLE OF INVENTION: RECOMBINANT HUMAN ACETYLCHOLINESTERASE
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White, Esq.
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/M-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/732,962A
; FILING DATE: 19910722
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 39304/JPW/LSW
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEX: (0123) 64-0525
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1845 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;

Page 10

Result No.	Score	Query Match	Length DB	ID	Description	§	Query Match	Length DB	ID	Description
1	1983	100.0	1983	16	US-10-001-227-1		Sequence 1, Appl	100.0*	Score 1983; DB 16;	Length 1983;
2	1928.6	97.3	2081	18	US-10-001-227-1		Sequence 29, Appl	100.0*	Pred. No. 0;	
3	1752	88.4	1752	16	US-10-001-227-3		Sequence 3, Appl	100.0*	Mismatches 0;	Gaps 0;
4	1459.4	73.6	2178	17	US-10-001-227-3		Sequence 339, App			
5	1013	51.1	2456	9	US-09-978-295A-253		Sequence 253; App			
6	1013	51.1	2456	9	US-09-978-697A-253		Sequence 253; App			
7	1013	51.1	2456	9	US-09-978-192A-253		Sequence 253; App			
8	1013	51.1	2456	9	US-09-999-832A-253		Sequence 253; App			
9	1013	51.1	2456	10	US-09-978-187A-253		Sequence 253; App			
10	1013	51.1	2456	10	US-09-999-834A-253		Sequence 253; App			
11	1013	51.1	2456	10	US-09-978-423A-253		Sequence 253; App			
12	1013	51.1	2456	10	US-09-978-191A-253		Sequence 253; App			
13	1013	51.1	2456	10	US-09-978-402A-253		Sequence 253; App			
14	1013	51.1	2456	10	US-09-978-562A-253		Sequence 253; App			
15	1013	51.1	2456	10	US-09-999-832A-253		Sequence 253; App			
16	1013	51.1	2456	10	US-09-981-915A-253		Sequence 253; App			
17	1013	51.1	2456	10	US-09-978-824A-253		Sequence 253; App			
18	1013	51.1	2456	10	US-09-918-585A-253		Sequence 253; App			
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33	1013	51.1	2456	10	US-09-978-542A-253		Sequence 253; App			
34	1013	51.1	2456	10	US-09-978-662A-253		Sequence 253; App			
35	1013	51.1	2456	10	US-09-978-802A-253		Sequence 253; App			
36	1013	51.1	2456	10	US-09-999-831A-253		Sequence 253; App			
37	1013	51.1	2456	13	US-10-052-586A-57		Sequence 57; Appl.			
38	1013	51.1	2456	14	US-10-174-590-57		Sequence 57; Appl.			
39	1013	51.1	2456	14	US-10-176-758-57		Sequence 57; Appl.			
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41	1013	51.1	2456	14	US-10-174-581-57		Sequence 57; Appl.			
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Published Applications NA.*										
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3:	/cgn2_6/ptodata/1/pubna/US06_NEW_PUB.seq*						; Sequence 1, Application US/10001227			
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7:	/cgn2_6/ptodata/1/pubna/US08_PUBCOMB.seq*						; TITLE OF INVENTION: METHODS OF USING 18903 TO TREAT PAIN AND			
8:	/cgn2_6/ptodata/1/pubna/US09A_PUBCOMB.seq*						; TITLE OF INVENTION: PAIN-RELATED DISORDERS			
9:	/cgn2_6/ptodata/1/pubna/US09B_PUBCOMB.seq*						; FILE REFERENCE: MNI-199			
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11:	/cgn2_6/ptodata/1/pubna/US09D_PUBCOMB.seq*						; CURRENT FILING DATE: 2001-11-30			
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22:	/cgn2_6/ptodata/1/pubna/US60_PUBCOMB.seq*						; LOCATION: US-10-001-227-1			
SUMMARIES										
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1	1983	100.0	1983	16	US-10-001-227-1		Sequence 1, Appl	100.0*	Score 1983; DB 16;	Length 1983;
2	1928.6	97.3	2081	18	US-10-001-227-1		Sequence 29, Appl	100.0*	Pred. No. 0;	
3	1752	88.4	1752	16	US-10-001-227-3		Sequence 3, Appl	100.0*	Mismatches 0;	Gaps 0;
4	1459.4	73.6	2178	17	US-10-001-227-3		Sequence 339, App			
5	1013	51.1	2456	9	US-09-978-295A-253		Sequence 253; App			
6	1013	51.1	2456	9	US-09-978-697A-253		Sequence 253; App			
7	1013	51.1	2456	9	US-09-978-192A-253		Sequence 253; App			
8	1013	51.1	2456	9	US-09-999-832A-253		Sequence 253; App			
9	1013	51.1	2456	10	US-09-978-187A-253		Sequence 253; App			
10	1013	51.1	2456	10	US-09-999-602A-253		Sequence 253; App			
11	1013	51.1	2456	10	US-09-978-585A-253		Sequence 253; App			

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Db	61	GATAAAATGTGCTCACACTAGAACGCGTACCTGGCATCCATCAGTGCCATC	120	Db	1141	GTTGATCCAGATGCCCTTGGCTCTGACCAGGGAAAGTTTCATCTGCCCTA	1200
Qy	121	CACGTGTTGCCATCACTCTGCCAACAGCAGAGCTGGTGAAGTGGTGAATTCT	180	Qy	1201	CCCTCTGGTGCACACACCTGCAATTCAATTTCGCTTGGCTTCCTGCCTA	1260
Db	121	CACGTGTTGCCATCACTCTGCCAACAGCAGAGCTGGTGAAGTGGTGAATTCT	180	Db	1201	CCCTCTGGTGCACACACCTGCAATTCAATTTCGCTTGGCTTCCTGCCTA	1260
Qy	181	GTGCTGAGACCTCACCCCTGCCATGCCAGAGCTGGCTGGCACACCAA	240	Qy	1261	GCTAACCGCCGGATGAGAAACCATCACTAAGATGCTCGAGAACCGCAC	1320
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Qy	241	GAGCCTCAAGTGTACCAAAATATGAAACCCCTGCAAGGAAACAGATGCAATGGGAA	300	Qy	1321	CTCTGGTGAATATCAACAGGAGGGTACCACTTGTGTTGGAGTACCTGCAATGT	1380
Db	241	GAGCCTCAAGTGTACCAAAATATGAAACCCCTGCAAGGAAACAGATGCAATGGGAA	300	Db	1321	CTCTGGTGAATATCAACAGGAGGGTACCACTTGTGTTGGAGTACCTGCAATGT	1380
Qy	301	GACACCCATCCAGTCAGTCTTTAGAGTCCCCTCAGACCTCTTAGGTATCCAG	360	Qy	1381	CAATGAGGATGACTGGAGATGGAGATGCTAACGAAACCGTATGATGAGATGCCAC	1440
Db	301	GACACCCATCCAGTCAGTCTTTAGAGTCCCCTCAGACCTCTTAGGTATCCAG	360	Db	1381	CAATGAGGATGACTGGAGATGGAGATGCTAACGAAACCGTATGAGATGCCAC	1440
Qy	361	GTTTGACCTCCAGAACCCCCGAGCCCTGGAAAGGATCAGAGTCCTACCC	420	Qy	1441	TTCCTGTTGATGCCACACTGAGATGCTACACCCACGGCTTCCCTGCTTA	1500
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Qy	421	GCTCTGGTGCCTGAGGACTCTGGCTTCAGCTGGCTCGATGATGCTACGCGCG	540	Qy	1501	CTCTGGTGAATATCTCTGGGAAATACTCTCAACCCGACTGATGGGGC	1560
Db	421	GCTCTGGTGCCTGAGGACTCTGGCTTCAGCTGGCTCGATGATGCTACGCGCG	540	Db	1501	CTCTGGTGAATATCTCTGGGAAATACTCTCAACCCGACTGATGGGGC	1560
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Qy	601	CGTGGGGCTGCTCTCTGACTTGGCCCTCTGACTTGGCCGGCGAGAAAGTGGCTCT	660	Qy	1681	AGGAAACCCAAATGATGGGAATCTGCGCTGGGAACTTACGGATGAAAGTAACT	1740
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Qy	661	GGTGTTCCTGAGAACGGCTGGCATCTCTGGTTCTGAGAACGGAGAGGAACT	720	Qy	1741	CCNGCAGCTGGATTTCACACAGAGTGGCATGATGAACTTACGGATGTTT	1800
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Qy	721	GCGCGGAACTGGGGCTCTGGACCAAGTGGGGCTCTGGCTGCGCTGGCTGAGAACT	780	Qy	1801	TTCGGATGACTCTGGGCAAGAGCTGCTCAAGACCTGAGGCAATTCTAACGGTGT	1860
Db	721	GCGCGGAACTGGGGCTCTGGACCAAGTGGGGCTCTGGCTGCGCTGGCTGAGAACT	780	Db	1801	TTCGGATGACTCTGGGCAAGAGCTGCTCAAGACCTGAGGCAATTCTAACGGTGT	1860
Qy	781	CGCAGCCCTGGGGAGACCCAGGAATGTCACCTAGCTGGCTGGGGCCCAT	840	Qy	1861	ATGGAGGAGGGCCAAAGGGGGTTTCCCTCCACATCGAGCTGGGAGATGGCT	1920
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Qy	841	GAGGATCTGAGCTGATGATGTCACCCCTAGCTGGCTGGGGCCATTIC	900	Qy	1921	ATGGACATACCTGGGCAAGAGCTGCTCAAGACCTGAGGAAATTCTAACCTGAGGAC	1980
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Qy	901	CCAGAGTGGACCCGGTATTCAAGCTTCACTACTAACCCTGAAAGTGGCGAA	960	Qy	1981	TAG 1983	
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Qy	1081	GAACCTTCAGAGAACCCGGAAAGCATATCTGCCTGAGCTGGCTGGATGGCT	1140	Qy	1081	GAACCTTCAGAGAACCCGGAAAGCATATCTGCCTGAGCTGGCTGGATGGCT	1140
Db	1081	GAACCTTCAGAGAACCCGGAAAGCATATCTGCCTGAGCTGGCTGGATGGCT	1140	Db	1081	GAACCTTCAGAGAACCCGGAAAGCATATCTGCCTGAGCTGGCTGGATGGCT	1140
Qy	1141	GGTGTCCAGATGACCTGGCTCTGGCTGCTGCCAGGGCAAGGTTTCATCTGCCCTA	1200	Qy	1141	GGTGTCCAGATGACCTGGCTCTGGCTGCTGCCAGGGCAAGGTTTCATCTGCCCTA	1200

RESULT 2
US-10-343-593-29

Sequence 29, Application US/10343593
; Publication No. US20040110259A1

; GENERAL INFORMATION:
; APPICLANT: INCYTE GENOMICS, INC.; BAUGHN, Mariah R.;
; APPICLANT: BRUNS, Christopher M.; DAS, Debopriya;
; APPICLANT: DEFLERANE, Angelo M.; DING, Li;
; APPICLANT: ELLIOT, Jennifer A.; HAFALIA, Ameena R.;
; APPICLANT: GRIFFIN, Farrah A.; LAL, Preeti G.;
; APPICLANT: LEE, Sally JU; DYUNG, Anna M.;
; APPICLANT: LU, Yan; ARYZU, Chandra S.;
; APPICLANT: RAKUMAR, Jayalakshmi; RING, Huijun Z.;

APPLICANT: SANJANWALA, Madhusudan M.; TANG, Y. Tom;
 THANGAVELU, Kavitha; THORNTON, Michael;
 TRIBOLEY, Catherine M.; CHAWLA, Narinder K.;
 APPLICANT: WARREN, Bridget A.; YANG, Junming;
 APPLICANT: YAO, Monique G.; YUB, Henry
 TITLE OF INVENTION: DRUG METABOLIZING ENZYMES
 FILE REFERENCE: PI-0.185 USN
 CURRENT APPLICATION NUMBER: US/10/343,593
 CURRENT FILING DATE: 2003-01-29
 PRIOR APPLICATION NUMBER: US 60/223,055
 PRIOR FILING DATE: 2000-08-04
 PRIOR APPLICATION NUMBER: US 60/224,728
 PRIOR FILING DATE: 2000-08-11
 PRIOR APPLICATION NUMBER: US 60/226,440
 PRIOR FILING DATE: 2000-08-18
 PRIOR APPLICATION NUMBER: US 60/228,067
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: US 60/230,063
 PRIOR FILING DATE: 2000-08-31
 PRIOR APPLICATION NUMBER: US 60/232,244
 PRIOR FILING DATE: 2000-09-13
 PRIOR APPLICATION NUMBER: US 60/234,269
 PRIOR FILING DATE: 2000-09-20
 NUMBER OF SEQ ID NOS: 38
 SOFTWARE: PERL Program
 SEQ ID NO: 29
 LENGTH: 2081
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No: 7478588CB1
 US-10-343-593-29

Query Match 97.3% Score 1928.6 DB 18 Length 2081;
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Qy 198 TCCGGCTATGGCCAGAGGCCCTGGCTGGAGCATGAGCTGATTCTGGCTCAC 257
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 Db 987 CTGGATGCCACCAACAGCAGCATCTGTAACATGATCTCAGACTTCAGGAGACC 1046

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 Db 1167 CTTGGTGTCTCCACCCGGGAGGGTTTCACTCTGGCTCACCTCTAGGTGTCAACA 1226

Qy 1218 ACCTGGAACTTCAATTGGCTCTGGCTTATATGATGAACTGGCTGGCTGG 1277
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Db	4.46	CTGGGACTGTGGCAAGATGGGCTTGCGCTGGCATCCAGGCTT 505
Qy	7.90	CGGGAGACCCGAAATGTAACCTGGCAAGTCGGGGCATGGCATCTGCATCTGCATCTGC 849
Db	5.06	CGGGAGACCCGAAATGTAACCTGGCAAGTCGGGGCATGGCATCTGCATCTGCATCTGC 565
Qy	8.50	AGGACTGATGATGTCACCCCTAGGCCAGCTTCATCGGGCATTTCCAGAGTGCG 909
Db	5.66	AGGACTGATGATGTCACCCCTAGGCCAGCTTCATCGGGCATTTCCAGAGTGCG 625
Qy	9.10	CACCGCTTATCAGACTTTCATCACTAGTAACCACTGAAGTGGCAAGAGGTGCG 969
Db	6.26	CACCGCTTATCAGACTTTCATCACTAGTAACCACTGAAGTGGCAAGAGGTGCG 685
Qy	9.70	CCACCTGGCTGATGGACCAAGACAGATCTGGTAAACCTGGTAAACCTGGTAACTGGCACT 1029
Db	6.86	CCACCTGGCTGATGGACCAAGACAGATCTGGTAAACCTGGTAACTGGCACT 745
Qy	10.30	ATCAGGGACCAAGGTGATGGCTGTCACAGATGAGATGAGATGAGATGAGATGAG 1089
Db	7.46	ATCAGGGACCAAGGTGATGGCTGTCACAGATGAGATGAGATGAGATGAGATGAG 805
Qy	10.90	GAGAGCCCCGAGAGATTATCTGGTCATGGGCCCTGGTGGGATGCTGTGCTGATCCC 1149
Db	8.06	GAGAGCCCCGAGAGATTATCTGGTCATGGGCCCTGGTGGGATGCTGTGCTGATCCC 865
Qy	11.50	AGATGACCCCTGGCTCTGGCTGTCACCCAGGGAGGGTTCACTCTGGCCCTACCTTCTTAGG 1209
Db	8.66	AGATGACCCCTGGCTGTCACCCAGGGAGGGTTCACTCTGGCCCTACCTTCTTAGG 925
Qy	12.10	TGTCAACAACCTGGAAATTCAATTGGCTCTGGCTTATATCATGAAAGTCTCCGCTAAACCG 1269
Db	9.26	TGTCAACAACCTGGAAATTCAATTGGCTCTGGCTTATATCATGAAAGTCTCCGCTAAACCG 985
Qy	12.70	CGAGGGATGTGAAAGGAAACCTCACTAACGACTGCTGGAGTACCCGACCCCTGTGAA 1329
Db	9.86	CGAGGGATGTGAAAGGAAACCTCACTAACGACTGCTGGAGTACCCGACCCCTGTGAA 1045
Qy	13.30	TATCACCCAAGGGAGCACTTACCACTGGTGGAGGACTACCTGGACAAATGTCAATGACCA 1389
Db	10.46	TATCACCCAAGGGAGCACTTACCACTGGTGGAGGACTACCTGGACAAATGTCAATGACCA 1105
Qy	13.90	TGACCTGGAAAGATGGCTACGAACCCTGATGGACACATACTGGTCAAGATGGCACTTGGCTGTTA 1449
Db	11.06	TGACCTGGAAAGATGGCTACGAACCCTGATGGACACATACTGGTCAAGATGGCACTTGGCTGTTA 1165
Qy	14.50	TGCCCAACTGGAGACTGCTCACTAACGACTGCTGGAGTACCCGACACTGATGGGCAAGACATGG 1569
Db	11.66	TGCCCAACTGGAGACTGCTCACTAACGACTGCTGGAGTACCCGACACTGATGGGCAAGACATGG 1225
Qy	15.10	ATTTGGAGCCACGCTGTGGAAATACTGGTCAAAACCCGCACTGATGGGCAAGACATGG 1569
Db	12.26	ATTTGGAGCCACGCTGTGGAAATACTGGTCAAAACCCGCACTGATGGGCAAGACATGG 1285
Qy	15.70	GGATGGAGATGACTCTCTGGGGCCCTTGGCAAGGGCTTTCATGGTAAAGGA 1629
Db	12.86	GGATGGAGATGACTCTCTGGGGCCCTTGGCAAGGGCTTTCATGGTAAAGGA 1345
Qy	16.30	GAAGGGACTTAGCCCTCAAGATGAAATACTGGTCAAGGGCACTGCTGGGCAAGGAACCTTGGCTGAG 1689
Db	13.46	GAAGGGACTTAGCCCTCAAGATGAAATACTGGGCAACTTGGGCAAGGAACCTTGGCTGAG 1405
Qy	16.90	CAATGTGGAAATCTCCCTGGGCACTGCTGGGCAAGGGCAAGAGATGGCTTGGTGTGAG 1809
Db	14.06	CAATGTGGAAATCTCCCTGGGCACTGCTGGGCAAGGGCAAGAGATGGCTTGGTGTGAG 1465
Qy	17.50	GGATTTTACCAACAAGGTGGGCACTGAAAGCTCAAGGGCAAGAGATGGCTTGGTGTGAG 1466
Db	14.66	GGATTTTACCAACAAGGTGGGCACTGAAAGCTCAAGGGCAAGAGATGGCTTGGTGTGAG 1525

QY 1810 TCTGTACCGTCAAAGAACCTGAAAGCAGGGCAATTCTAAGGGTGGCTATGCGAA 1869
 DB 1526 TCTGTACAGTCMCAAAGACCTGAAACAGGGCAATTCTAAGGGTGGCTATGCGAA 1585
 QY 1870 GGAGCCAAAGAGGGTTTGCCCCACCATCCAGGCCCTGGGAGACTAGCCATGGACATA 1929
 DB 1586 GGACCCAAAGAGGGTTGCCCTACCATCCAGGCCCTGGGAGACTAGCCATGGACATA 1645
 QY 1930 CCTGGGAAAGAGGTTCTACCCA 1952
 DB 1646 CCTGGGAAAGAGGTTCTACCCA 1668

RESULT 5
 US-09-9/8-255A-253
 Sequence 253, Application US/09978295A
 Patent No. US20020156006A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Boeslir, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Gradowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kijaviv, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Michael
 APPLICANT: Wood, William J.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P26510P1C1
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13

		Matches	1446;	Conservative	0;	Mismatches	0;	Indels	403;	Gaps	3;
PRIOR APPLICATION NUMBER: 60/082797	PRIOR FILING DATE: 1998-04-22	Qy	224	GGTCCCTTGACACCAAGGGCTCAACTGGTACCAAAATATGGAACCCCTGCAAGGAAA	283						
PRIOR APPLICATION NUMBER: 60/082796	PRIOR FILING DATE: 1998-04-22	Db	368	GGTCCCTTGACACCAAGGGCTCAACTGGTACCAAAATATGGAACCCCTGCAAGGAAA	447						
PRIOR APPLICATION NUMBER: 60/083336	PRIOR FILING DATE: 1998-04-23	Qy	284	CAGATGATGTGGGAAGACCCATCAGAAGTCAGTTTTCAGTACCT	343						
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-27	Db	448	CAGATGATGTGGGAAGACCCATCAGAAGTCAGTTTTCAGTACCT	507						
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-28	Qy	344	CCCTTAGGTATCCCTCAGGTGGGACCCATCAGAAGTCAGTTTTCAGTACCT	403						
PRIOR APPLICATION NUMBER: 60/083392	PRIOR FILING DATE: 1998-04-29	Db	508	CCCTTAGGTATCCCTCAGGTGGGACCCATCAGAAGTCAGTTTTCAGTACCT	567						
PRIOR APPLICATION NUMBER: 60/083495	PRIOR FILING DATE: 1998-04-29	Qy	404	GATGCTACACCTACCCCTG-----	425						
PRIOR APPLICATION NUMBER: 60/083495	PRIOR FILING DATE: 1998-04-29	Db	568	GCAQGATCTGGTCACTGCAAACCTCCGCCTGGAGTCAGGAGTCCTCTCGCTCAG	687						
PRIOR APPLICATION NUMBER: 60/083496	PRIOR FILING DATE: 1998-04-29	Qy	426	GGTCCCTGAGGAGTCCTGGGGCCAGCTGCTGCTCGCTCGATG	463						
PRIOR APPLICATION NUMBER: 60/083496	PRIOR FILING DATE: 1998-04-29	Db	688	CCCTCTGAGTGTCTGGGGTACAGGTGCTGCTGAGTCTGGGGCTCGATG	747						
PRIOR APPLICATION NUMBER: 60/083500	PRIOR FILING DATE: 1998-04-29	Qy	464	TAGCTCACACGGGGACGGTACAAAGTGGCTGGGCTCAAGGAGACTGTCTGACTG	523						
PRIOR APPLICATION NUMBER: 60/083500	PRIOR FILING DATE: 1998-04-29	Db	748	TACGTCAACACGGGGACGGTACAAGTGGCTGGGTTCAGCTAGGACTGTCTGACTG	807						
PRIOR APPLICATION NUMBER: 60/083559	PRIOR FILING DATE: 1998-04-29	Qy	524	AACCTGTAACGGGGCCGGGCCCCGGGATCCCAGTGGCTGGGTTCAGCTAGGACTGTCTG	583						
PRIOR APPLICATION NUMBER: 60/083559	PRIOR FILING DATE: 1998-04-29	Db	808	AACCTGTAACGGGGCCGGGCCCCGGGATCCCAGTGGCTGGGTTCAGCTAGGACTGTCTG	867						
PRIOR APPLICATION NUMBER: 60/083558	PRIOR FILING DATE: 1998-04-30	Qy	584	CCGGAGGGCCCTCATGGGGCTCTCTGACTGGGCTCTGGCTCTGCGCC	643						
PRIOR APPLICATION NUMBER: 60/084366	PRIOR FILING DATE: 1998-05-05	Db	868	CCGGAGGGCCCTCATGGGGCTCTCTGACTGGGCTCTGGCTCTGCGCC	927						
PRIOR APPLICATION NUMBER: 60/084414	PRIOR FILING DATE: 1998-05-06	Qy	644	CGGAGAAGATGCTGGCTGGTCTGGCTGGCTGGCTGGCTGGCTGGC	703						
PRIOR APPLICATION NUMBER: 60/084414	PRIOR FILING DATE: 1998-05-06	Db	928	CGGAGAAGATGCTGGCTGGTCTGGCTGGCTGGCTGGCTGGC	987						
PRIOR APPLICATION NUMBER: 60/084637	PRIOR FILING DATE: 1998-05-07	Qy	704	ACGGAGCAAGGCAACGGGCTGGCTGGGCTGGCTGGCTGGC	763						
PRIOR APPLICATION NUMBER: 60/084637	PRIOR FILING DATE: 1998-05-07	Db	988	ACGGAGCAAGGCAACGGGCTGGCTGGCTGGCTGGCTGGC	1047						
PRIOR APPLICATION NUMBER: 60/084639	PRIOR FILING DATE: 1998-05-07	Qy	764	TGGCTGAGGAGACATGGAGCTGGCTCCGGGAGACCCATTGCTGGC	823						
PRIOR APPLICATION NUMBER: 60/084640	PRIOR FILING DATE: 1998-05-07	Db	1048	TGGCTGAGGAGACATGGAGCTGGCTCCGGGAGACCCATTGCTGGC	1107						
PRIOR APPLICATION NUMBER: 60/084640	PRIOR FILING DATE: 1998-05-07	Qy	824	CACTGGGGGGCATGGCATCTGGACTGATGATGGCTGGCTTC	883						
PRIOR APPLICATION NUMBER: 60/084598	PRIOR FILING DATE: 1998-05-07	Db	1108	CACTGGGGGGCATGGCATCTGGACTGATGATGGCTGGCTTC	1167						
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07	Qy	884	TTCATGGGGCATTTCCAGTGGCTGGGCTGGCTGGCTGGC	943						
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07	Db	1168	TTCATGGGGCATTTCCAGTGGCTGGGCTGGCTGGC	1227						
PRIOR APPLICATION NUMBER: 60/084627	PRIOR FILING DATE: 1998-05-07	Qy	944	CCACTGAAAGTGGCCAGGAGCTGGCTGGCTGGCTGGCTTC	1003						
PRIOR APPLICATION NUMBER: 60/084638	PRIOR FILING DATE: 1998-05-13	Db	1288	ATCTGGTAAACTGGCTGGCTGGCTGGCTGGCTTC	1347						
PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-13	Qy	1064	ATGAGATTCCTCACTGAATCTGGCTGGCTGGCTTC	1123						
PRIOR APPLICATION NUMBER: 60/085582	PRIOR FILING DATE: 1998-05-15	Db	1348	ATGAGATTCCTCACTGAACTCAGGAGCTGGCTGGCTTC	1407						
PRIOR APPLICATION NUMBER: 60/085582	PRIOR FILING DATE: 1998-05-15	Qy	1124	CCNGTGGCTGGATGGTGGTGGATCCAGATGACCCTTGGCTCCAGGCCCAGGAG	1183						
PRIOR APPLICATION NUMBER: 60/085582	PRIOR FILING DATE: 1998-05-15	Db	1408	CCRTGTTGGATGGTGGTGGATCCAGATGACCCTTGGCTCCAGGCCCAGGAG	1467						
Query Match	51.1%	Score	1013;	DB	9;	Length	2456;				
Best Local Similarity	78.2%;	Pred.	No.	3.7e-296;							

QY 1184 GTTTCATCTGCGCTACTTCTAGGTGTCACAACTGGATTCAATTGGCTCTTGCTCTGCCT 1243
 Db 1468 GTTTCATCTGCGCTACTTCTAGGTGTCACAACTGGATTCAATTGGCTCTGCCT 1527
 QY 1244 TATATCATGAAGTCCCCCTAACCGGAGGGATGAGAAAGGAAACCATCACTAAGATG 1303
 Db 1528 TAT----- 1530
 QY 1304 CTCTGGAGTAGCCGACCCGTGAATAATCAGGAGGAGCTGAGTCAACCGTATGATGAC 1423
 Db 1531 ----- 1566
 QY 1364 GAGTACCTGGACAAATGTCATATGACGATGACTGGAAAGTGTAGAAACCGTATGAC 1423
 Db 1567 GAGTACCTGGACAAATGTCATATGACGATGACTGGAAAGTGTAGAAACCGTATGAC 1626
 QY 1424 ATAGTTCAGATGCCACTTCGCTGTCATGCCACACTGCGAAGCTCACTAACCGAGAT 1483
 Db 1627 ATAGTTCAGATGCCACTTCGCTGTCATGCCACACTGCGAAGCTCACTAACCGA--- 1683
 QY 1484 GCCGGCCCTCCCTGTCACCTGTGAATAATCGTCGAA 1543
 Db 1684 ----- 1683
 QY 1544 CCCCGCAGTCGATGGGGCACCAATGGGGATGAGTGAATTTGAGACCAACGGCTGTGAA 1603
 Db 1684 ----- 1683
 QY 1604 GCCACAGGGCTTTCATGGTAAGGAGAAGGGCACTTGGCTCCAGATGATGAAATACTGG 1663
 Db 1684 ----- 1683
 QY 1664 GCCAACCTGGCGCACAGGAAACCCGAAACCCGAAACCCGAAACCGTAC 1723
 Db 1684 ----- 1724
 QY 1724 AACAGGATGAAAAGTACCTGCAAGTTTACCAAGAGTGGCATGANGCTGAG 1783
 Db 1725 AACAGGATGAAAAGTACCTGCAAGTTTACCAAGAGTGGCATGAGCTGAG 1784
 QY 1784 GAGAACAGATGGCTTTGGATGAGTCTTACAGTCTCAAGAACCTGAGAGCAGGG 1843
 Db 1785 GAGAACAGATGGCTTTGGATGAGTCTTACAGTCTCAAGAACCTGAGAGCAGGG 1844
 QY 1844 CAATTCCTAAGGGCTATGCGAGGAGCCAAAGGGCTTGCCTCCACCATCCAG 1903
 Db 1845 CAATTCCTAAGGGCTATGCGAGGAGCCAAAGGGCTTGCCTCCACCATCCAG 1904
 QY 1904 CCCTGGGGAGACTGAGCTGGACACATGCACTGGGACAAAGGTTCTACCCA 1952
 Db 1905 CCCTGGGGAGACTGAGCTGGACACATGCACTGGGACAAAGGTTCTACCCA 1953

RESULT 6
 US-09-978-697-253
 Sequence 253, Application US/09978697
 Patent No. US20020169284A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Chiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: ;

APPLICANT: Gurney, Austin L.
 APPLICANT: Hylan, Kenneth J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Naper, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shellton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel J.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC27
 CURRENT APPLICATION NUMBER: US/09/978, 697
 CURRENT FILING DATE: 2001-10-16
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-11
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13
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 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078939
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079656
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079689
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079728
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 PRIOR APPLICATION NUMBER: 60/079920
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/079923
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/080105
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080107
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080194

Qy	584	CCGGAGGCCCTCATGGGCGCTCTTCTGTAACGAGGCTCTGACTTGGCCC 643	Qy	1664	GCCAACTTTGCCGACAGAACCCATGATGGAAATCTGCCCTGCTGGCACGCTAC 1723
Db	868	CCGGAGGCCCTCATGGGCGCTCTTCTGTAACGAGGCTCTGACTTGGCCC 927	Db	1684	-----GAAACCCCATGATGGAAATCTGCCCTGCTGGCACGCTAC 1724
Qy	644	CGGAGAAGTGGTGTGGATCCTGGAGAATGGCTGGATCTGGCTTCCTGAGC 703	Qy	1724	AACAGGGATAAAACTACCTGCAGGGATTACACAGAGTGCTGAAGCTCAAG 1783
Db	928	CGCGAGAAGTGGTGTGGCTGGTGTCTGGCTTCCTGAGC 987	Db	1725	AACAGGGATAAAACTACCTGCAGGGATTACACAGAGTGCTGAAGCTCAAG 1784
Qy	704	ACGGACGACGCCAGGGAAACTGGGACTCTGGGACAGATGGCTTCCTGAGC 763	Qy	1784	GAGAAGAAGATGGCTTTTGATGATGCTGTTACAGTCTGAAGACAGAGG 1843
Db	988	ACGGACGACGCCAGGGAAACTGGGACTCTGGGACAGATGGCTTCCTGAGC 1047	Db	1785	GAGAAGAAGATGGCTTTTGATGATGCTGTTACAGTCTGAAGACAGAGG 1844
Qy	764	TGGGTGAGGAGAACATGGAGACATGGAGACCTGGGAGAACCTGGAGA 823	Qy	1844	CAATTCCTAAAGGTGCTATGAGGAGGAGCCAAGGGTTTCCCCACCATCCAGG 1903
Db	1048	TGGGTGAGGAGAACATGGAGACATGGAGACCTGGGAGAACCTGGAGA 1107	Db	1845	CAATTCCTAAAGGTGCTATGAGGAGGACCAAGGGTTTCCCCACCATCCAGG 1904
Qy	824	CAGTGGCGGGGCAATGAGCATCTGAGCATCTGAGCATCTGAGCATCTGAG 883	Qy	1904	CCCTGGGAGACTAGGCATGACATACCTGGGACAAAGAGTTCTACCCA 1952
Db	1108	CAGTGGCGGGGCAATGAGCATCTGAGCATCTGAGCATCTGAGCATCTGAG 1167	Db	1905	CCCTGGGAGACTAGGCATGACATACCTGGGACAAAGAGTTCTACCCA 1953
RESULT 7					
Qy	884	TTCCATGGCCATTCCAGAGTGGACCGTCACTGTTATGACTTTGACTGAA 943	Qy	US-09-978-192A-253	Sequence 253, Application US/09978192A
Db	1168	TTCCATGGCCATTCCAGAGTGGACCGTCACTGTTATGACTTTGACTGAA 1227	Db	US/002017753A1	Patent No. US2002017753A1
Qy	944	CCACTGAAGTGGCAAAGAAGGTGCCCACCTGCTGGATGCAACGACAG 1003	Qy	GENERAL INFORMATION:	
Db	1228	CCACTGAAGTGGCAAAGAAGGTGCCCACCTGCTGGATGCAACGACAG 1287	Applicant: Ashkenazi, Avi		
Qy	1004	ATCCCTGTAAACTGGCTGAGGCACTATGGGACCAAGGTGATGGTGTCAACAG 1063	Applicant: Baker, Kevin P.		
Db	1288	ATCCCTGTAAAACTGGCTGAGGCACTATGGGACCAAGGTGATGGTGTCAACAG 1347	Applicant: Botstein, David		
Qy	1064	ATGAGATTCCTCAACTGAACTTCCAGAGGATTATGGCTCATGGC 1123	Applicant: Desnoyers, Luc		
Db	1348	ATGAGATTCCTCACTGAACTTCCAGAGGATTATGGCTCATGGC 1407	Applicant: Eaton, Dan		
Qy	1124	CCTGCTGGATGGTGTGGTGTGATCCAGATGACCCCTGGCTCTGACCAAGGGAG 1183	Applicant: Ferrara, Napoleon		
Db	1408	CCTGCTGGATGGTGTGGTGTGATCCAGATGACCCCTGGCTCTGACCAAGGGAG 1467	Applicant: Filvaroff, Eileen		
Qy	1184	GTTCATCTGGCCCTACCTCTAGGTGTOAACACCTGAAATTCAGGAGGATTCAGA 1243	Applicant: Fong, Sherman		
Db	1468	GTTCATCTGGCCCTACCTCTAGGTGTOAACACCTGAAATTCAGGAGGATTCAGA 1527	Applicant: Gao, Wei-Chang		
Qy	1244	TATATCTGAAAGTCCGCTAAACGGCAAGGAAACCATCACTAAGTG 1303	Applicant: Gerber, Hanspeter		
Db	1528	TAT-----ATATCATCCAGGAGGAGGATCACTGTTGGTGGAG 1530	Applicant: Geritsen, Mary E.		
Qy	1304	CTCTGGAGTACCGCACCTGGATATCACCAGGAGGACTTGGTGGAG 1363	Applicant: Goddard, Audrey		
Db	1531	CTCTGGAGTACCGCACCTGGATATCACCAGGAGGACTTGGTGGAG 1566	Applicant: Godowski, Paul J.		
Qy	1364	GAGTACCTGGACAATGCAATGAGCTGCTGAGAATGGCTGAGCTGAGC 1423	Applicant: Grimaldi, J. Christopher		
Db	1567	GAGTACCTGGACAATGCAATGAGCTGCTGAGAATGGCTGAGCTGAGC 1626	Applicant: Gurney, Austin L.		
Qy	1424	ATAGTCAAGATGCCACTTCTGTTGCACTGCACTGGCTGAGCTGAGC 1483	Applicant: Hillian, Kenneth J.		
Db	1627	ATAGTCAAGATGCCACTTCTGTTGCACTGCACTGGCTGAGCTGAGC 1683	Applicant: Kljavin, Ivar J.		
Qy	1484	GCGGGCTTCCCTGTCATGCAATGCAATGCAATGCAATGCAATGCAATGCA 1543	Applicant: Kuo, Sophia S.		
Db	1684	-----	Applicant: Napier, Mary A.		
Qy	1584	CCCGAGGCCCTCATGGGCGCTCTTCTGTAACGAGGCTCTGACTTGGCCC 927	Applicant: Paoni, Nicholas F.		
Db	1684	-----GAAACCCCATGATGGAAATCTGCCCTGCTGGCACGCTAC 1724	Applicant: Roy, Margaret Ann		
Qy	1544	CCCCGCACTGATGGGAGACCTGCTGAGATGACTCTCTGGGGCCCTTC 1603	Applicant: Shultz, David L.		
Db	1684	-----	Applicant: Stewart, Timothy A.		
Qy	1604	GCCACAGGCCCTTCATGGTAAAGGAAGGCACTAGCCPCTGAGAAATACTGG 1663	Applicant: Tumas, Daniel		
Db	1684	-----	Applicant: Williams, P. Mickey		
Qy	1684	-----	Applicant: Wood, William I.		
Db	1684	-----	Title of Invention: Secreted and Transmembrane Polypeptides and Nucleic		
Qy	1684	-----	Title of Invention: Acids Encoding the Same		
Db	1684	-----	File Reference: P2630P1C9		
Qy	1684	-----	Current Filing Date: US/09/978,192A		
Db	1684	-----	Current Filing Date: 2001-10-15		
Qy	1684	-----	Prior Application Number: 60/065311		
Db	1684	-----	Prior Filing Date: 1997-11-13		
Qy	1684	-----	Prior Application Number: 09/918555		
Db	1684	-----	Prior Filing Date: 2001-07-30		
Qy	1684	-----	Prior Application Number: 60/062250		
Db	1684	-----	Prior Filing Date: 1997-10-17		
Qy	1684	-----	Prior Application Number: 60/064249		
Db	1684	-----	Prior Filing Date: 1997-11-03		
Qy	1684	-----	Prior Application Number: 60/065311		
Db	1684	-----	Prior Filing Date: 1997-11-13		
Qy	1684	-----	Prior Application Number: 60/066364		
Db	1684	-----	Prior Filing Date: 1997-11-21		
Qy	1684	-----	Prior Application Number: 60/077450		
Db	1684	-----	Prior Filing Date: 1998-03-10		
Qy	1684	-----	Prior Application Number: 60/077632		
Db	1684	-----	Prior Application Number: 60/077641		

PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
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PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21

/ APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, J. Christopher
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillian, Kenneth J.
 / APPLICANT: Klavian, Ivar J.
 / APPLICANT: Kuo, Sophia S.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas P.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Shelton, David L.
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tunas, Daniel
 / APPLICANT: Williams, P. Michael
 / APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630P1C53
 CURRENT APPLICATION NUMBER: US/09/999, 832A
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079656
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-03-27
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 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079920
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/079923
 PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/080105
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/080107
 ; PRIOR FILING DATE: 1998-03-31
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 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083558
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083559
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083500

QY	PRIOR FILING DATE: 1998-04-29	464 TACCTCAGAACCGGGAAAGGTCAAGTGGTCAAGTCGTTTCAAGGAGCTCTACCTG 523
Db	PRIOR APPLICATION NUMBER: 60/0833742	748 TACCTCAGAACCGGGAAAGGTCAAGTGGTCAAGTCGTTTCAAGGAGCTCTACCTG 807
QY	PRIOR FILING DATE: 1998-04-30	524 AACGTTAACGGGCTTCAAGTGGTCAAGTGGTCAAGTCGTTTCAAGGAGCTCTACCTG 583
Db	PRIOR APPLICATION NUMBER: 60/084366	808 AACGTTAACGGGCTTCAAGTGGTCAAGTGGTCAAGTCGTTTCAAGGAGCTCTACCTG 643
QY	PRIOR FILING DATE: 1998-05-05	584 CCGGAGGGCCCTCATCTGGGGCTGCTGGTACGGGGCTGACTTCGGCGGC 927
Db	PRIOR APPLICATION NUMBER: 60/084414	868 CGGGAGGGCCCTTATCTGGGGCTGCTGGTACGGGGCTGACTTCGGCGGC 927
QY	PRIOR FILING DATE: 1998-05-06	584 CCGGAGGGCCCTCATCTGGGGCTGCTGGTACGGGGCTGACTTCGGCGGC 643
Db	PRIOR APPLICATION NUMBER: 60/084441	808 AACGTTAACGGGCTTCAAGTGGTCAAGTGGTCAAGTCGTTTCAAGGAGCTCTACCTG 703
QY	PRIOR FILING DATE: 1998-05-06	584 CCGGAGGGCCCTCATCTGGGGCTGCTGGTACGGGGCTGACTTCGGCGGC 987
Db	PRIOR APPLICATION NUMBER: 60/084637	868 CGGGAGGGCCCTTATCTGGGGCTGCTGGTACGGGGCTGACTTCGGCGGC 987
QY	PRIOR FILING DATE: 1998-05-07	704 ACGGGAGAACGCCAACGGGGAAACTGGGGCTGGACCAGATGGGGCTGGCGC 763
Db	PRIOR APPLICATION NUMBER: 60/084639	988 ACGGGAGAACGCCAACGGGGAAACTGGGGCTGGACCAGATGGGGCTGGCGC 1047
QY	PRIOR FILING DATE: 1998-05-07	764 TGGTGAGAGAGAATCGAGGCTTCCGGGAGAGCCAGGAATGTGACCCCTAGCTGGCTTCGGCGC 823
Db	PRIOR APPLICATION NUMBER: 60/084640	1048 TGGTGAGAGAGAATCGAGGCTTCCGGGAGAGCCAGGAATGTGACCCCTAGCTGGCTTCGGCGC 1110
QY	PRIOR FILING DATE: 1998-05-07	824 CAGTGGGCGGGCCATGAGCATCTAGAAGCTTCCGGGAGAGCCAGGAATGTGACCCCTAGCTGGCTTCGGCGC 883
Db	PRIOR APPLICATION NUMBER: 60/084641	1108 CAGTGGGCGGGCCATGAGCATCTAGAAGCTTCCGGGAGAGCCAGGAATGTGACCCCTAGCTGGCTTCGGCGC 1167
QY	PRIOR FILING DATE: 1998-05-07	884 TTCCATCGGGCCATTCCAGAGTGGCAAGGGTATTAGACTTTCACTAGTAAC 943
Db	PRIOR APPLICATION NUMBER: 60/084643	1168 TTCCATCGGGCCATTCCAGAGTGGCAAGGGTATTAGACTTTCACTAGTAAC 1222
QY	PRIOR FILING DATE: 1998-05-07	944 CCACGAAACTGGCCAAGGGTTCGCCACCTGGGATGCAACCAAGCACAG 1000
Db	PRIOR APPLICATION NUMBER: 60/084644	1228 CCACGAAACTGGCCAAGGGTTCGCCACCTGGGATGCAACCAAGCACAG 1289
QY	PRIOR FILING DATE: 1998-05-07	1004 ATCCGGTAACCTGGCTGAGGCAATTCAGGGCAAGGGTGGTCTCCACAAG 1067
Db	PRIOR APPLICATION NUMBER: 60/085339	1288 ATCCGGTAACCTGGCTGAGGCAATTCAGGGCAAGGGTGGTCTCCACAAG 1347
QY	PRIOR FILING DATE: 1998-05-13	1064 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1122
Db	PRIOR APPLICATION NUMBER: 60/085338	1348 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1407
QY	PRIOR FILING DATE: 1998-05-13	1124 CCTGTCGTGGATGGTGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1188
Db	PRIOR APPLICATION NUMBER: 60/085338	1408 CCTGTCGTGGATGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1467
QY	PRIOR FILING DATE: 1998-05-13	1184 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1247
Db	PRIOR APPLICATION NUMBER: 60/085323	1468 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1524
QY	PRIOR FILING DATE: 1998-05-13	1064 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1122
Db	PRIOR APPLICATION NUMBER: 60/085339	1348 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1407
QY	PRIOR FILING DATE: 1998-05-15	1124 CCTGTCGTGGATGGTGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1188
Db	PRIOR APPLICATION NUMBER: 60/085700	1408 CCTGTCGTGGATGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1467
QY	PRIOR FILING DATE: 1998-05-15	1184 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1247
Db	PRIOR APPLICATION NUMBER: 60/085689	1468 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1524
QY	PRIOR FILING DATE: 1998-05-15	1064 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1122
Db	PRIOR APPLICATION NUMBER: 60/085579	1348 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1407
QY	PRIOR FILING DATE: 1998-05-15	1124 CCTGTCGTGGATGGTGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1188
Db	PRIOR APPLICATION NUMBER: 60/085580	1408 CCTGTCGTGGATGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1467
QY	PRIOR FILING DATE: 1998-05-15	1184 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1247
Db	PRIOR APPLICATION NUMBER: 60/085573	1468 GTTTCACTCTGGCCCTAACCTCTAGTGGTCAACAACTGGAAATTCAATGGCTCTGGCT 1524
QY	PRIOR FILING DATE: 1998-05-15	1064 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1122
Db	PRIOR APPLICATION NUMBER: 60/085704	1348 ATGAGATTCTCCAACTGAATTCCAGGACCCGAGAAGATACTGGTCTCCATGAGG 1407
QY	PRIOR FILING DATE: 1998-05-15	1124 CCTGTCGTGGATGGTGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1188
Db	PRIOR APPLICATION NUMBER: 60/085697	1408 CCTGTCGTGGATGGTGGTGGATCCAGATGCAACACCTGGGCTCTGGCT 1467
QY	Query Match 51-1%; Best Local Similarity 78.2%; Matches 1446; Conservative 0; Pred. No. 3.7e-296; Mismatches 0; Indels 403; Gaps 3;	Db 1528 TAT-
QY	224 GGTGCCCTGGCACCAAGAGGCCCTCAAGTGGTCAAGAAATATGGAAACCCTGGAAAGAAA 283	QY 507
Db	388 GGTGCCCTGGCACCAAGAGGCCCTCAAGTGGTCAAGAAATATGGAAACCCTGGAAAGAAA 447	Db 1531 ---
QY	284 CACATGGCTGGAACACCACTCCAAAGCTTCTCCAGACT 343	QY 567
Db	448 CAGATGGCTAACCTAACCTGGAAACACCACTCCAAAGCTTCTCCAGACT 507	Db 1531 ---
QY	344 CCTCTAGGTATCTCAGGTTGACTCTTCAAGTGGTCAAGGGCCAGACCTGGCTCTGGCTCGCAGGT 627	QY 425
Db	508 CCTCTAGTATCTCAGGTTGACTCTTCAAGTGGTCAAGGGCCAGACCTGGCTCTGGCTCGCAGGT 747	Db 1627 ATAGTCAGATGCACCTTCGGTGTGATCCAGCTGGCACTTCGGCTCGCAGGT 168
QY	404 GATGCTAACCTAACCTGGAAACACCACTCCAAAGCTTCTCCAGACT 507	QY 1304 CTCTGGAGTACCGGCTCCGGTCAAGGAGTCCTCTGGCTCGCAGGT 136
QY	568 GATGCTAACCTAACCTGGAAACACCACTCCAAAGCTTCTCCAGACT 627	Db 1567 GATGCTAACCTAACCTGGAAACACCACTCCAAAGCTTCTGGCTCGCAGGT 162
QY	426 -----	Db 1531 ---
Db	628 GCACGGATCTGGCTCACCTCGGCTCCGGGTCAAGGGAGTCCTCTGGCTCGCAGGT 687	QY 1484 CGGGCCACTGTGTCCTGCTACCTGTATGAAATTGGGATGATGTPACTCTGGCTCGCAGGT 154
QY	426 -----	Db 1684 ---
Db	688 CCTCTGGATCTGGCTCACCTCGGCTCCGGGTCAAGGGAGTCCTCTGGCTCGCAGGT 747	QY 1544 CCCGGCACTGTGTCCTGCTACCTGTATGAAATTGGGATGATGTPACTCTGGCTCGCAGGT 160

D0 1684 ----- 1683
 QY 1604 GCCAAGGCTTTCATGGTAAGGAAGCACTTAGCCTCCAGATGATACTCG 1663
 D0 1684 ----- 1683
 D0 1664 GCCAACTTGCCGACAGGAAATCCCAATGATGGATACTGCCCTGCAGCTAC 1723
 D0 1684 ----- 1683
 QY 1724 AACAGGATCAAAGTACTCTGCAGTGATTACCAAGATGGCATGAAGCTCAAG 1724
 D0 1725 AACAGGATCAAAGTACTCTGCAGTGATTACCAAGATGGCATGAAGCTCAAG 1784
 QY 1784 GAGIAGAATGGCTTTGATGATGATGATGCTGACAGCTGAGCGAGG 1843
 D0 1785 GAGIAGAATGGCTTTGATGATGATGCTGACAGCTGAGCGAGG 1844
 QY 1844 CAATTCCTAACGGTGCCTATCGAGGAGGTTGCCCCCACCATCCAGG 1903
 D0 1845 CAATTCCTAACGGTGCCTATCGAGGAGGTTGCCCCCACCATCCAGG 1904
 QY 1904 CCCCTGGAGACTAGCCATGAGGCAATCTGGGCAAGAGGTCTACCA 1952
 D0 1905 CCCCTGGAGACTAGCCATGAGGCAATCTGGGCAAGAGGTCTACCA 1953

RESULT 9
 US-09-978-189-253
 Publication No. US20030004102A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Denoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paozi, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
 FILE REFERENCE: P2630P1C7
 CURRENT APPLICATION NUMBER: US09-978-189
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/185855
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
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 PRIOR APPLICATION NUMBER: 60/077649
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 PRIOR APPLICATION NUMBER: 60/077791
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 PRIOR APPLICATION NUMBER: 60/078886
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 PRIOR APPLICATION NUMBER: 60/078936
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 PRIOR APPLICATION NUMBER: 60/079294
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 PRIOR APPLICATION NUMBER: 60/081229
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081955
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081817
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081819

		RESULT 10
Db	1228	CCACTGAAAGTGGCAAGAAGGTGCCAACCTGTCTGCACACACACAG 1.287
Qy	1004	ATCCTGTAACCTGCTAGGGCACTATAGGACCAAGGTGTGTCACAG 1.063
Db	1288	ATCCTGTAACCTGCTAGGGCACTATAGGACCAAGGTGTGTCACAG 1.347
Qy	1064	ATCAGATTCCTCAAACCTGAACPTCAGAGAGAAGGATTATGGTCATGAGC 1.123
Db	1348	ATCAGATTCCTCAAACCTGAACPTCAGAGAGAAGGAGGTTATGGTCATGAGC 1.407
Qy	1124	CCITGATGGATGTCGTCGATCCAGATGACCTTGGTGTCTCACCTGGAG 1.183
Db	1408	CCTRGGTGGATGTCGTCGATCCAGATGACCTTGGTGTCTCACCTGGAG 1.467
Qy	1184	GTTTACATCTGTCCTACTCTTAGGTCTCAACAACTGGAAATTCAATTGGCTCTTGCT 1.243
Db	1468	GTTTACATCTGTCCTACTCTTAGGTCTCAACAACTGGAAATTCAATTGGCTCTTGCT 1.527
Qy	1244	TATATCATGAAAGTTCCTCGCTAAACGGCAGGGATGAAAGAAACCTACTAAGATG 1.303
Db	1528	TAT - - - - - 1530
Qy	1304	CCTGGAGTACCGCACCCCTGTGATAATCACCAGGACGGTTACCAAGGAGG 1.363
Db	1531	- - - - - AATATCACCAGGAGCACTTGGAGGACCTGGAG 1.566
Qy	1364	GAGTACCTGGACATGTCATGGCATGACTGGAAAGATGCTGAGAAACCGTATGAGC 1.423
Db	1567	GAGTACCTGGACATGTCATGGCATGACTGGAAAGATGCTGAGAAACCGTATGAGC 1.626
Qy	1424	ATAGTTGAAAGTSCCACTTTCGTTGATGCCAAGTCACTGCAACTACCGAGAT 1.483
Db	1627	ATAGTTGAAAGTCCACTTCTGTTGATGCCAAGTCACTGCAACTACCGAGAT 1.683
Qy	1484	GCGGGCTCCCCGTCTACCTGATGAAATTGGACCAACGCTGTTGAAATAATGCTCAA 1.543
Db	1684	- - - - - 1683
Qy	1544	CCCCGCACTGATGGCGACCATGGGATGAGATGACTTCTTGGGGCCCTTC 1.603
Db	1684	- - - - - 1683
Qy	1604	GCCACAGGCCTTCCATGGTAAGGAGAAGGGCACTTACCTCCAGATGAAATACTGG 1.663
Db	1684	- - - - - 1683
Qy	1664	GCCAACTTTGCCGGCACGAAACCCAAATGATGGAAATCTGCCCTGCTGGCACGTAC 1.723
Db	1684	- - - - - GAACCCCAATGATGGAAATCTGCCCTGCTGGCACGTAC 1.724
Qy	1724	AACGGATGAAAGTACCTGCGAGCTGGATTTACACAGATGGCATGAGCTGAG 1.783
Db	1725	AACGGATGAAAGTACCTGCGAGCTGGATTTACACAGATGGCATGAGCTGAG 1.784
Qy	1784	GAGAAGGAGATEGCCTTTGGATGAGTGTGACCTGTCAGAACCTGGAGAGG 1.843
Db	1785	GAGAAGGAGATEGCCTTTGGATGAGTGTGACCTGTCAGAACCTGGAGAGG 1.844
Qy	1844	CAATTCTAAGGGTGGCTATGCAAGGAAGGCAAAAGGCGCTTTCGCCCACTATCAGG 1.903
Db	1845	CAATTCTAAGGGTGGCTATGCAAGGAAGGCAAAAGGCGCTTTCGCCCACTATCAGG 1.904
Qy	1904	CCCTGGCGAGACTGGCATGGCAATACCTGGGAAGAAGTCTACCCA 1.952
Db	1905	CCCTGGCGAGACTGGCATGGCAATACCTGGGAAGAAGTCTACCCA 1.953

Db	808	AACGTGTAAGCGGCCATCCGGATCCCCAACGGAACTGGCAATGTCGCTGCTGC 867	Db	1684	-----	1683
Qy	584	CCGGAGCCCTCATGGGGCTGGCTTCTCGTAAGAEGGCTGACTGGCTGCTGC 643	Qy	1664	GCCAACTTTGGCCGACAGGAAACCCAAATGATGGGAATCTGCCCTGCTGCCAACGCTAC 1723	
Db	868	CCGGAGGCCATGGGGCTCATGGGGCTTCTCGTAAGAEGGCTGACTGGCTGCTGC 927	Db	1684	-----	
Qy	644	CGGAGAAAGTGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGC 703	Qy	1724	AACAGGATGAAAGTPACCTGAGCTGGATTTACCAAGAGTCGGCATGAAAGTCAG 1783	
Db	928	CGCGAGAAAGTGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGC 987	Db	1725	AACAGGATGAAAGTPACCTGAGCTGGATTTACCAAGAGTCGGCATGAAAGTCAG 1784	
Qy	704	ACGGAGCAGCCACGGGGAAACTGGGGCTGCTGGACCATGCGGCTCGCGC 763	Qy	1784	GAAGAGAGATGGCTGGATGGCTGGATGGCTGGATGGCTGGATGGCTGGAGG 1843	
Db	988	ACGGAGCAGCCACGGGGAAACTGGGGCTGCTGGACCATGCGGCTCGCGC 1047	Db	1785	GAAGAGAGATGGCTGGATGGCTGGATGGCTGGATGGCTGGAGGAGGAGG 1844	
Qy	764	TGGTGAGGAGACATCCAGCTGGGGCATGGCTGGGGGAAATGTGACCGGA 823	Qy	1844	CAATTCTAAGGGCTGGATGGGGGCTGGCAAAAGGGTTTGCCCCAACATCCAG 1903	
Db	1048	TGGTGAGGAGACATCCAGCTGGGGCATGGCTGGGGGAAATGTGACCGGA 1107	Db	1845	CAATTCTAAGGGCTGGATGGGGGCTGGCAAAAGGGTTTGCCCCAACATCCAG 1904	
Qy	824	CAGTCGGGGCCCAGCATGGCATCTGGCAACTGATGTCACCCCTAGGCTGG 883	Qy	1904	CCCTGGGGAGACTAGCCATGGCAATACCTGGGAACAGATGTTCTACCA 1952	
Db	1108	CAGTCGGGGCCCAGCATGGCATCTGGCAACTGATGTCACCCCTAGGCTGG 1167	Db	1905	CCCTGGGGAGACTAGCCATGGCAATACCTGGGAACAGATGTTCTACCA 1953	
RESULT 11						
US-09-978-585A-253						
; Sequence 253 , Application US/0978585A						
; Publication No. US0030049633A1						
; GENERAL INFORMATION:						
; APPLICANT: Ashkenazi, Avi						
; APPLICANT: Baker, Kevin P.						
; APPLICANT: Botstein, David						
; APPLICANT: Desnoyers, Luc						
; APPLICANT: Eaton, Dan						
; APPLICANT: Ferrara, Napoleon						
; APPLICANT: Pilavroff, Eileen						
; APPLICANT: Fong, Sherman						
; APPLICANT: Gao, Wei-Oiang						
; APPLICANT: Gerber, Hanspeter						
; APPLICANT: Gerber, Mary E.						
; APPLICANT: Goddard, Audrey						
; APPLICANT: Godowski, Paul J.						
; APPLICANT: Grimaldi, J. Christopher						
; APPLICANT: Gurney, Austin L.						
; APPLICANT: Hillman, Kenneth J.						
; APPLICANT: Kijavin, Ivar J.						
; APPLICANT: Kuo, Sophia S.						
; APPLICANT: Napier, Mary A.						
; APPLICANT: Pan, James						
; APPLICANT: Paoni, Nicholas F.						
; APPLICANT: Roy, Margaret Ann						
; APPLICANT: Shalton, David L.						
; APPLICANT: Stewart, Timothy A.						
; APPLICANT: Tumas, Daniel						
; APPLICANT: Williams, P. Mickey						
; APPLICANT: Wood, William I.						
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic						
; ACIDS Encoding the Same						
; FILE REFERENCE: P2630P1C1S						
; CURRENT APPLICATION NUMBER: US/09/978,585A						
; CURRENT FILING DATE: 2001-10-16						
; NUMBER OF SEQ ID NOS: 624						
; Prior Application removed - See File Wrapper or Palm						
; SEQ ID NO 253						
; LENGTH: 2456						
; TYPE: DNA						
; ORGANISM: Homo sapiens						
; US-09-978-585A-253						
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Qy	1684	-----	Db	1684	-----	
Qy	1684	-----	Db	1684	-----	

		1468	GTTTCATCTGTCGCCCTACCTCTAGTGTCAACAACCTGGATTCAATTCGTCATTGGCTCTGCCT	1527
388	GGTCCTCTGACACCAAGGGCTCAACTGTCACCAATATGAAACCTTGGAGAAA	447	Db	
284	CAGATGATGTGGGAAGAACCCATCAGATCTTGTAGAATGTCCTTCTCCAGACT	343	Qy	1244 TATAATGAACTTCTAGTGTCAACCGAACCATCAATAGT
448	CAGATGATGTGGGAAGAACCCATCAGATCTTGTAGAATGTCCTTCTCCAGACT	507	Db	1528 TAT-----
344	CCCTCTAGTATTCCTCAGGTTGACCTCTGAGAACCCCGAGGCTGAAAGGATATCGA	403	Qy	1304 CTCTGGAGTACCCGACCCCTTGTGAAATTCAGAATCTGGAGGAG
508	CCCTCTAGTATTCCTCAGGTTGACCTCTGAGAACCCGGCTGAAAGGATATCGA	567	Db	1531 -----
426	-----	425	Qy	1364 GAGTACTCTGGACAATTCTCAATGAGCTTGAGTGTCAACCGTATGTCGAC
404	GATGCTACCCCTAACCTGCTACTGAACTCCGGCTTCCCGCTCTCGCTAG	425	Db	1567 GAGTACTCTGGACAATTCTCAATGAGCTTGAGTGTCAACCGTATGTCGAC
568	GATGCTACCCCTAACCTGCTACTGCTGAGACTCTCGCTCTCGAGCTGAGCTG	627	Qy	1424 ATAGTCAAGATGCCCTTCTGTPATGCCACTGAGACTGCTACTACCTGAGGAT
426	-----	425	Db	1627 ATAGTCAAGATGCCCTTCTGTPATGCCACTGAGACTGCTACTACCTGAGGAT
628	GCAAGATCTGGTCACTGAACTCCGGCTTCCCGCTTCCCGCTCTCGCTAG	687	Qy	1484 GCGGGCTCCCTGGCTACCTGATGAAATAATCGTCAA
426	-----	425	Db	1684 -----
688	CCCTGAGTGTCTGGGCTAACAGTGTGGCTCAGTGTGGCTCAGTGTGGCT	463	Qy	1544 CCCCGOACTGATGGGAGACCATGGGATGAGATGAGCTTACTTCCTCAGTGTCAA
454	TAGTCAGAGCCGGAGAACCTGAGTGTGGCTCAGTGTGGCTTGTACCTG	523	Db	1684 -----
748	TAGTCAGAGCCGGAGAACCTGAGTGTGGCTCAGTGTGGCTTGTACCTG	807	Qy	1604 GCCACAGGCCCTTCCATGGTAAGGAGGCACTTAGCCCTCAAGTGTCAA
524	AACGGTACGCGGGCGGCCGCGCCCGGGATGCCAGCTGATGTTGTGGTTC	583	Db	1684 -----
808	AAGTGTAGCGCGGGCGGCCGCGCCCGGGATGCCAGCTGATGTTGTGGTTC	867	Qy	1664 GCCAACTTTCGCCAGGAAACCCAATGATGCCATCTGCCACCTCAC
584	CCGGAGGGCGCCPTICATCTGGGCGCTCTCTCTGAGGGCTCTGCACTTGGCCSC	643	Db	1684 -----
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644	CGCGAGAGTGGTCTGTGTCTGAGCACAGCTGCACTTCTGCTGAG	703	Db	1725 AACAGGATGAAAGCTTACCTGGAGCTTACACAAAGACTGGCTGCAAGCTCAA
928	CGCGAGAGTGGCTCTGCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	987	Qy	1784 CAACTCTAACGGGCTCATGGAGGGCTATGAGGAGGAGGAGGAGGAGGAGGAGG
704	AACGGAGAGCCAGCGGGAGAACCTGGGGCTCTGCTGAGGAGGCTCTGAGC	763	Db	1785 GAGAGAGATGGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
988	ACGGAGAGCCAGCGGGAGAACCTGGGGCTCTGCTGAGGAGGAGGAGGAGGAGG	1047	Qy	1844 CAACTCTAACGGGCTCATGGAGGGCTATGAGGAGGAGGAGGAGGAGGAGG
764	TGGGTGCAAGGAGAACATCGAGCTGGGGAGGAGGAGGAGGAGGAGGAGGAGG	823	Db	1845 CAACTCTAACGGTGCCTATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
1048	TGGGTGCAAGGAGAACATCGAGCTGGGGAGGAGGAGGAGGAGGAGGAGGAGG	1107	Qy	1904 CCCPGGGAGACTGACCATGGACATACTGGGACATACTGGGACATACTGGGAC
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1168	TTCCTATGGCCATTCTCCAGAGTGGCACCGCTTATTCAGTCACTAGTAACT	1227		US-09-978-191A-253
944	CCACTGAAAGTGGCCAAAGGGTGTGCCCACCTGCTGTGATGCAACCAACAG	1003		; Sequence 253, Application US/0978191A.
1228	CCACTGAAAGTGGCCAAAGGGTGTGCCCACCTGCTGTGATGCAACCAACAG	1287		; Publication No. US20030050239A1
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1288	ATCTGGTAACCTGGGACTATAGGACCTGAGCTGAGCTGAGCTGAGCTGAG	1347		; APPLICANT: Ashkenazi, Avi
1064	ATGAGATTCCTCAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAA	1123		; APPLICANT: Baker, Kevin P.
1348	ATGAGATTCCTCAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAA	1407		; APPLICANT: Botstein, David
1124	CCCTGTTGGGATGTTGTTGATCCAGATGACCTTGTGCTCTGACCCAGGGAG	1183		; APPLICANT: Destroyers, Luc
1408	CCCTGTTGGGATGTTGCTCTGACCCAGATGACCTTGTGCTCTGACCCAGGGAG	1467		; APPLICANT: Eaton, Dan
1184	GGTCATCTGGCTTACCTTGGGAACTGGGAACTGGGAACTGGGAACTGGGAA	1243		; APPLICANT: Ferrara, Napoleon

APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shallon, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tomas, Daniel
APPLICANT: Williams, P. Michay
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: P230PIC4

CURRENT APPLICATION NUMBER: US/09/978,191A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/0662250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

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PRIOR FILING DATE: 1998-03-11

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PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078004

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PRIOR FILING DATE: 1998-03-31

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PRIOR APPLICATION NUMBER: 60/084537

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PRIOR APPLICATION NUMBER: 60/084640	PRIOR FILING DATE: 1998-05-07	Qy	644	CGGAGAAAGTGTGTTCTGAGCAAGGCTCGGAATCTGGCTCTGAGCTCTGAGC
PRIOR APPLICATION NUMBER: 60/084640	PRIOR FILING DATE: 1998-05-07	Db	928	CGGAGAAAGTGTGTTCTGAGCAAGGCTCGGAATCTGGCTCTGAGCTCTGAGC
PRIOR APPLICATION NUMBER: 60/084598	PRIOR FILING DATE: 1998-05-07	Qy	704	ACGGAGCACGCCAGCAAGCGGCTGGGCTGGAGAACGATGGGGCTCTGGC
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07	Db	988	ACGGAGCACGCCAGCAAGCGGCTGGGCTGGAGAACGATGGGGCTCTGGC
PRIOR APPLICATION NUMBER: 60/084627	PRIOR FILING DATE: 1998-05-07	Qy	764	TGGGTGAGGAGAACATGCAAGCTTCGGGAGACCCATTGAGACCTGTTGGC
PRIOR APPLICATION NUMBER: 60/084643	PRIOR FILING DATE: 1998-05-07	Db	823	TGGGTGAGGAGAACATGCAAGCTTCGGGAGACCCATTGAGACCTGTTGGC
PRIOR APPLICATION NUMBER: 60/085339	PRIOR FILING DATE: 1998-05-13	Qy	1048	TGGGTGAGGAGAACATGCAAGCTTCGGGAGACCCATTGAGACCTGTTGGC
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PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-13	Db	1167	CTCTGGGGGCGCATGGCATCTGGACTCATGATGTCACCCPAGGCTTC
PRIOR APPLICATION NUMBER: 60/085582	PRIOR FILING DATE: 1998-05-15	Qy	884	TTCATCGGCCATTCCAGACTGCACCGCTTATTCACTAGTAAAC
PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15	Db	943	TTCATCGGCCATTCCAGACTGCACCGCTTATTCACTAGTAAAC
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PRIOR APPLICATION NUMBER: 60/085580	PRIOR FILING DATE: 1998-05-15	Qy	1004	ATCCGTAAACTGCTGGGCACTATCGGACCAAGTGTGGCTTCAACAG
PRIOR APPLICATION NUMBER: 60/085573	PRIOR FILING DATE: 1998-05-15	Db	1228	ATCCGTAAACTGCTGGGCACTATCGGACCAAGTGTGGCTTCAACAG
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PRIOR APPLICATION NUMBER: 60/085689	PRIOR FILING DATE: 1998-05-15	Db	1348	ATSGAATTCCCTCAACTGAACITCAGAGACCCGAAAGATAATCTGGCTCATGAGC
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PRIOR APPLICATION NUMBER: 60/085580	PRIOR FILING DATE: 1998-05-15	Db	1408	CTCTGGGGATGGTGTGATCCCAGATGACCTTGGCTCTGACCAAGGGAG
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PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15	Db	1467	GTTTACATCTGGCCACCTCTAGGTGTCAACAACCTGGATTCAATTGGCTTC
PRIOR APPLICATION NUMBER: 60/085580	PRIOR FILING DATE: 1998-05-15	Qy	1184	GTTTACATCTGGCCACCTCTAGGTGTCAACAACCTGGATTCAATTGGCTTC
PRIOR APPLICATION NUMBER: 60/085580	PRIOR FILING DATE: 1998-05-15	Db	1527	GTTTACATCTGGCCACCTCTAGGTGTCAACAACCTGGATTCAATTGGCTTC
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PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15	Db	1530	TATPATCATGAAAGTCCCCTAAACGGAGGGCTAAACGGAGGGCTAAACG
PRIOR APPLICATION NUMBER: 60/085697	PRIOR FILING DATE: 1998-05-15	Qy	1530	-----
Query Match Score 51.1%; Length 2456;	Best Local Similarity 78.2%; Pred. No. 3; e-296; Mismatches 0; Indels 0; Gaps 3; Matches 1446; Conservative	Db	1530	-----
Qy	224	GGGCCCTTCACACCAAGGGCTCAACTGGTCAACAAATATGAAACCTGCAAGAAA	283	-----
Db	388	GGGCCCTTCACACCAAGGGCTCAACTGGTCAACAAATATGAAACCTGCAAGAAA	447	-----
Qy	284	CAGATGCAATGGCGAACACCCATCCAACTGCTTCTGGAGTCCTCCAGACCT	343	-----
Db	418	CAGATGCAATGGCGAACACCCATCCAACTGCTTCTGGAGTCCTCCAGACCT	507	-----
Qy	344	CCCTCTAGGTATCCCTCAAGTTGACCTCTAGAACCCCCGAGCCCTGGAAAGGAATCGA	403	-----
Db	508	CCCTCTAGGTATCCCTCAAGTTGACCTCTAGAACCCCCGAGCCCTGGAAAGGAATCGA	567	-----
Qy	404	GATGCTTACCACTTACCCGCTG-----	425	-----
Db	568	GATGCTTACCACTTACCCGCTG-----	627	-----
Qy	426	-----	425	-----
Db	628	GCAGCAGTCCTGGCTCACTCAACCTCCGCTTCCTGAGGAGCTGGCTCCAG	687	-----
Qy	426	-----	687	-----
Db	688	CCTCTGATGTTGTCGGGCTACAGTCGCTGCAAGTCGCTGGCTCGATG	747	-----
Qy	464	TACCTCAGCAAGGGCTCAAGGCTCAAGGCTGCTGGCTGCTGCTGCTG	523	-----
Db	748	TACCTCAGCAAGGGCTCAAGGCTGCTGGCTGCTGCTGCTGCTG	807	-----
Qy	524	AACCTGTAAGGGCGGGCGGGCGGGGCTCCAGCTGCTGCTGCTGCTG	583	-----
Db	808	AACCTGTAAGGGCGGGCGGGGCTCCAGCTGCTGGCTGCTGCTGCTG	867	-----
Qy	584	CCGGAGGGCGCCCTCATCTGGGCTGCTGCTGCTGCTGCTGCTGCTG	643	-----
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Qy	1664	GCCMACTTTGGCCGACAGGAACCCAAATGATGGGAATCTGCCCTGCTGCTG	1723	-----
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 QY 1784 GAGAAGAATGGCTTGTGATGAGTCAGTCTCAAAGACCTGAGAACGGGG 1843
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 QY 1844 CAATTCTAAGGTGGCTATCGAGGAAGGCCAAAGGGTTGCCCCACCATCCGG 1903
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 QY 1904 CCCCTGGGAGACTGCAATGCAATCTGGGAAGAGTCTACCCA 1952
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RESULT 13
 US-09-978-403A-253
 Sequence 253, Application US/0978403A
 Publication No. US20030050240A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deanoyers, Luc
 APPLICANT: Bacon, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey E.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P630P1C17
 CURRENT APPLICATION NUMBER: US/09/978,403A
 CURRENT FILING DATE: 2002-03-19
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704

PRIORITY APPLICATION NUMBER: 60/085697		Query Match	51..11	Score
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Db	388	GGTGCCTTCACACCAAGGGCT		
Qy	284	CAGTGTGATGGGAAGAACCC		
Db	448	CAGTGTGATGGGAAGAACCC		
Qy	344	CCTCTAGATGATTCCTAGGTTGCA		
Db	508	CCTCTAGATGATTCCTAGGTTGCA		
Qy	404	GATGTACCATCATTACCCGCTG-		
Db	568	GATGTACCATCATTACCCGCTGAA		
Qy	426	- - - - -		
Db	628	GCACCATCTGGCTACTGCAAAC		
Qy	426	- - - - -	GG	
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Qy	524	AACCTGTAACGGCGGCCGCGCCG		
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Qy	584	CCGGAGGGCCCTTCATCTGGGGC		
Db	868	CCGGAGGGCCCTTCATCTGGGGC		
Qy	644	CGCGAAAGTGTGTCTGTGT		
Db	928	CGCGAAAGTGTGTCTGTGT		
Qy	704	ACGGACGACGGCCACGGCGCGG		
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Qy	764	TGGGTGCAAGGAGAACATGGCAAGCC		
Db	1048	TGGGTGCAAGGAGAACATGGCAAGCC		
Qy	824	CAGTGGCGGGCCATAGGATC		
Db	1108	CAGTGGCGGGCCATAGGATC		
Qy	884	TTCCATCGGCCATTCCCAGACT		
Db	1168	TTCCATCGGCCATTCCCAGACT		
Qy	944	CCACTGAAAGTGGCAAGAAGGTT		
Db	1228	CCACTGAAAGTGGCAAGAAGGTT		
Qy	1004	ATCTGGTTAAACTCTCTGAGGGCA		
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 Db 1905 CCCCTGGGAGACTAGCCATGGCAATACCTGGGACAAGAGTTCTACCA 1953

RESULT 14
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 Sequence 253, Application US/09978564A
 Publication No. US0030050241A1
 GENERAL INFORMATION:
 i APPLICANT: Ashkenazi, Avi
 i APPLICANT: Baker, Kevin P.
 i APPLICANT: Botstein, David
 i APPLICANT: Deanothers, Luc
 i APPLICANT: Bacon, Dan
 i APPLICANT: Ferrara, Napoleon
 i APPLICANT: Filvaroff, Ellen
 i APPLICANT: Fong, Sherman
 i APPLICANT: Gao, Wei-Qiang
 i APPLICANT: Gerber, Hanspete

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; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match Score 1013; DB 10; Length 2456;
Best Local Similarity 78.2%; Pred. No. 3.7e-296;
Matches 1446; Conservative 0; Mismatches 0; Indels 403; Gaps 3;

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Db 508 CCTCTTAGGTATCCTCAGGTTGCACCTCCAGAACCCCGAGCCCTGGAAAGGAAATCAGA 567
Qy 404 GATGCTAACCTAACCTAACCTG 425
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Qy 426 ----- 425
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Db 748 TACGTCAACGGGAAAGGGTACAAGTGGCTCTGGCTCTGGCTCTGGCTCTGAGTCAGTCAGTCAG 807

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PRIOR APPLICATION NUMBER: 60/081552

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2	1251.5	40.2	566	3	US-09-595-682B-21 Sequence 2, Appl
3	11230	39.5	543	4	US-09-595-682B-26 Sequence 26, Appl
4	1169.5	37.6	584	2	US-08-845-295A-2 Sequence 2, Appl
5	1169.5	37.6	584	3	US-08-140-933-2 Sequence 2, Appl
6	1169.5	37.6	584	3	US-03-146-661-2 Sequence 2, Appl
7	1145	36.8	581	4	US-10-023-515-2 Sequence 2, Appl
8	1133	36.4	539	3	US-09-264-737-1 Sequence 1, Appl
10	1083	34.8	559	4	US-09-595-682B-28 Sequence 28, Appl
11	1083	34.8	559	4	US-09-949-016-6426 Sequence 6426, Appl
12	1083	34.8	574	4	US-09-949-016-6670 Sequence 9670, Appl
13	983.5	31.6	454	3	US-08-446-100-26 Sequence 26, Appl
14	983.5	31.6	454	3	US-08-446-100-30 Sequence 30, Appl
15	983.5	31.6	454	3	US-08-446-100-31 Sequence 31, Appl
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20	849	27.3	836	4	US-08-491-356C-21 Sequence 21, Appl
21	831	26.7	836	4	US-08-491-356C-22 Sequence 22, Appl
22	824.5	26.5	933	4	US-09-949-016-8386 Sequence 8386, Appl
23	820.5	26.4	823	4	US-08-491-356C-23 Sequence 23, Appl
24	820.5	26.4	953	4	US-09-949-016-8387 Sequence 8387, Appl
25	796	25.6	823	4	US-09-949-016-6888 Sequence 6888, Appl
26	788	25.3	843	4	US-08-491-356C-20 Sequence 20, Appl
27	787.5	25.3	617	2	US-08-370-156-6 Sequence 6, Appl

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1453.168 Million cell updates/sec

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SUMMARIES

RESULT 1
US-09-595-682B-21

; Sequence 21, Application US/09595682B
; Patent No. 6800483

; GENERAL INFORMATION:

; APPLICANT: Danks, Mary K.
; APPLICANT: Pottier, Philip M.
; APPLICANT: Houghton, Peter J.
; TITLE OF INVENTION: Compositions and Methods for Sensitizing and Inhibiting Growth of Tumor Cells
; TITLE OF INVENTION: SU-0005
; FILE REFERENCE: SU-0005
; CURRENT APPLICATION NUMBER: US/09/595,682B
; CURRENT FILING DATE: 2000-01-16
; PRIOR APPLICATION NUMBER: 60/075,258
; PRIOR FILING DATE: 1998-02-19
; PRIOR APPLICATION NUMBER: PCT/US99/03171
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO: 21
; LENGTH: 565
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
; US-09-595-682B-21

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Best Local Similarity 43.8%; Pred. No. 4; 8e-120;
Matches 245; Conservative 119; Mismatches 180; Indels 16; Gaps 9;

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Db 302 FMAIDLVGPKPENTAFLLTIVDGYLPPAPAEILAEKXNMLPYMVG3INQOEGFWI1PMQ 361 Qy 437 RNRMMDIVQDATFVYATLQTAHYRDAGLPPVYEFHH-ARG1IVKPRTDGADHGDEM 495 Db 414 KDLFLDMADLJGFVPSINVARHHRDAGPTMYEYKRPSSSSDMPKFTVIGDHGDEIF 473 Qy 384 IMKEPLNRAOMRKETITKMLWSTRLLNITKEOPLVVEYLQDNVNEIDWRMLRNRMMDI 443 Db 362 MLGYPPLSECKLDQTKTATELLWKSPIVNTSKELTPVATEKYLGGTDDVEKK - KDLFLDM 419 Qy 496 PLFGGPATGLSMKEKALSLQMMKWMANPARTGNPNPDGNLPCWPRYNKDEKYLQDDETT 555 Db 474 SVLGAPPKLEGATEEEIKLSKXNMKWMANFAENGPNPGEGLPQWPAVDYKEGLQIGATT 533 Qy 444 VODATEVYATLQTAHYRDAGLPPVYEFHH-ARG1IVKPRTDGADHGDEMFLFGCPF 502 Db 556 RVGMKLEKERMFWMSLY--QSQRPEK 580 Db 534 QAAQKLKDKEVAFWTTELWAKEAARPRE 560

Db 420 LADLJFGVPSINVARHHRDAGPTMYRPFSSMRPKTVIGDGDTEFSVLGAPF 479 Qy 503 ATGLSMGKEKALSLQMMKWMANPARTGNPNPDGNLPCWPRYNKDEKYLQDFTRVGMKLN 562 Db 480 LKEGATEEEIKLSKXNMKWMANFARNGNGEGLPONWADYKEGLQIGATTQAAQKLK 539

RESULT 3 US-09-595-682B-26 ; Sequence 26, Application US/09595682B ; Patent No. 6800483 ; GENERAL INFORMATION ; APPLICANT: Danks, Mary K. ; PORTER, Philip M. ; ATTORNEY: Houghton, Peter J. ; TITLE OF INVENTION: Compositions and Methods for Sensitizing and Inhibiting Growth of Tumor Cells ; CURRENT FILING DATE: 2000-01-16 ; PRIORITY NUMBER: 60/075, 258 ; PRIORITY FILING DATE: 1998-02-19 ; PRIORITY NUMBER: PCT/US99/03171 ; PRIORITY FILING DATE: 1999-02-12 ; NUMBER OF SEQ ID NOS: 30 ; SOFTWARE: PatentIn Ver. 2.0 ; SEQ ID NO 26 ; LENGTH: 543 ; TYPE: PRT ; ORGANISM: Oryctotagus cuniculus ; US-09-595-682B-26

Query Match 39.5%; Score 1230; DB 4; Length 543; Best Local Similarity 43.9%; Pred. No. 5-4e-117; Mismatches 176; Indels 14; Gaps 8; Matches 239; Conservative 115; MisMatches 179; DelS 14;

Qy 34 LCMIAQTAIGAL---HTKRPQWV-TKVGTLOCK--QMHVKGKTP1QVPLGVPPSRSPPLGI 86 Db 3 LCAALASLAACTAWGHSAPPVVTYHGKVLGKFVSLEGFAQPVAVFLGVPPAKPLGS 62

Qy 28 LCWSLTLCIMAQTAIGALIHKRPOVVTYHGTLQKOMMVGK-----TPIQVFLGPP 79 Db 87 LRFPAPPPEPKGIRDATTYPGCLQE--SMQQLASMYVSTRYKWLFSEDCPLYLN 144

Qy 7 LVW--LFLAACTAWG--HPSAPPV-- -DTVKGKVL--GKFVSLLEGFAQPVAVFLGPP 56 Db 63 LRFPAPPQPAESWSHVNTISYPMCSDQAVSHMLSELFTRNKENIP-LKFSEDCLYLN 121

Db 80 SRPLPLGIRFAPPPEPKGIRDATTYPGCLQE--SWGQASMYVSTRYKWLRFSE 137 Qy 145 YAPRAPERGPDPQLPVPMWPPGGAFTVGAASSYEQSDLAAREKTYVFLFHRLGJGFPLSTD 204

Db 57 AKPPPGSLSLFAPPQAESMSHVNTISYPMCSDQAVSHMLSELFTRNKENIP-LKRESE 115 Db 122 YTPADLTKRGRPLPMWVTHGGGJMNGGASTYDLELSAHENTVVVTQYRLGJWFFTG 181

Qy 138 DCLXLYNVAAPARAQDPOLQPMWPPGGAFTVGAASSYEQSDLAAREKTYVFLQHREGI 197 Db 205 DSHRGNGWGLDQMAALRWQENIAAEGDPGENVTLFGOSAGAMSISSLMMSPASGLFH 264

Qy 116 DCLXLYNATYPADLTKRGRPLPMWVTHGGGJMNGGASTYDLELSAHENVVVTQYRGJ 175 Db 182 DEHSGRNMGHLQDVAALRWQDNIAFNGDPEGSVTFIRESAGQSVSILLSPTRKNTFH 241

Qy 198 FGFLSTDSDHARGWGLDQMAALRWQENIAAEGDPGENVTLFGOSAGAMSISSLMMSP 257 Db 265 RAISQSGTALFRLEITSNPLKVKVHALAGCNHNSTOILVNLRLASGKTMVRNSKMR 324

Db 176 WGFPSTGDEHSRGNGWGLDQVRALRWQDNIAFNGDPEGSVTFIRESAGQSVSILLSP 235 Db 242 RAISESGYALLSSIFRKNTKSLAEKIAFEAGCKTTSAVMVHCRQTKTEELMEVTLKMK 301

Qy 258 LASGLPHRAISQSGTALFRLFITSNPLKVKVAKYAHLAGCNHNSTOILVNLRLASGKTM 317 Qy 325 FLQNFDRPEETIWMSMPVUDPDEVVTPDPLVLTQGKVSVPYLLGVNNLFL 383

Db 236 LTKNLFHRAISQSGVALLSSIFRKNTKSLAEKIAFEAGKTTSAVMVHCLRKTEELMEVTLKMK 295 Db 302 FMAIDLVGPDKPENTAFLETFIDGTLLPKAPAEILAEKYYNMFLPYMVGINQEQGWIIPMQ 361

Qy 318 RVSNKMRFLQLNQDFPDEETIWMSMPVYDGVLPPDPLVLTQGKVSVPYLLGVNNLFL 377

Qy 296 EVTLRKMFKAFLDQVDPKENTAFLETFIDGTLLPKAPAEILAEKYYNMFLPYMVGINQEQGWIIPMQ 355

Db 362 MLGYPPLSECKLDQTKTATELLWKSPIVNTSKELTPVATEKYLGGTDDPVK -- KDLFLIM 419

Qy 378 NWLPLP-YIMKEPLNRAOMRKETITKMLWSTRLLNITKEOPLVVEYLQDNVNEHDWKM 436

Qy 356 GWIIPMQMLGPYLSPEGKLDQKTAELLWKSPIVNSKELTPVATEKYLGGTDDPVK -- 413

Db 444 VQDATFVYATLQTAHYRDAGLPPVYEFHH-ARG1IVKPRTDGADHGDEMFLFGCPF 502

Db 420 LADLFGPSVNTARHHRDAGAPTYMYYRYPSPSSIDMRPKTVIGDEGDEIFSVLGAPF 479
 Qy 503 ATGLSMGKEKALSLQMMKTYWANPARTGPNDGNLPCWPRYNNKDCEBKYLQDFTTRGVNKLK 562
 Db 480 LKEGATEBEIKLSKWMMKTYWANPARGNGPENGEGLPQWADYKEGYLQIGATTQAAQKLK 539
 Qy 563 EKRM 566
 Db 540 DKEV 543

RESULT 4
 US-08-845-225A-2
 ; Sequence 2, Application US/08452295A
 ; Patent No. 5817490
 ; GENERAL INFORMATION:
 ; APPLICANT: Hubbs, John C.
 ; TITLE OF INVENTION: Enzymatic Process for the Manufacture of
 ; Ascorbic Acid, 2-Keto-L-Gulonic Acid, and Esters of
 ; TITLE OF INVENTION:
 ; Ascorbic Acid, 2-Keto-L-Gulonic Acid
 ; NUMBER OF SEQUENCES: 3
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Eastman Chemical Company
 ; STREET: P.O. Box 511
 ; CITY: Kingsport
 ; STATE: Tennessee
 ; COUNTRY: USA
 ; ZIP: 37662-5075
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows 95
 ; SOFTWARE: Microsoft Word
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/845,295A
 ; FILING DATE: 25-April-97
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/017,879
 ; FILING DATE: 17-MAY-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Cheryl J. Tubach
 ; REFERENCE/DOCKET NUMBER: 38-346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 423-229-6189
 ; TELEFAX: 423-229-1239
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 584 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; MOLECULE TYPE: protein
 ; US-08-845-225A-2

Query Match 37.6%; Score 1169.5; DB 2; Length 584;
 Best Local Similarity 43.0%; Pred. No. 9.9e-111; Mismatches 193; Indels 29; Gaps 13;

Matches 249; Conservative 108; Score 1169.5; DB 2; Length 584;

Qy 26 WILCWLSLTLCLMLATOLGALHTYRPOVY-TKYGTLQKOMHVG---KTPIOVPLGYPFS 80
 Db 2 WILL--PLVLTASSATWAGOPASPVVDTAQGRVLGKVVSLEGЛАPTQVAVFLGYPFA 59

Qy 81 RPPGILRFAPPBPPEPKIRDATTYPGCLOBSWGGGLASHMYVST--RERYKWRFS 136
 Db 60 KPPPLGSLEFAPPQDAEPSPVQTATISPEPMCCODPVQEMTSDFLTINFTGKRBLT-LEFS 118

Qr 137 EDCIYLNYTAPARAPGDPOLPYMWFPGGAPIVGAASSYEGSDLAARK--VYLVPLQHR 194
 Db 119 EDCIYLNYTTPADLTKRSLRIPMVWIRGGLVIGGAPMVDGIVLAHNFTVVVAQYR 178

Qy 195 LGIFGFGLSTDSSHARGNWGLLDDMAALEWQENIAAFGDPGNVTLFGQS--AGAMSIIG 252

Db 179 LGIWGFFSTGDEHSRGNGHLDQYAALHWQENIAFNFGDPGSVTIRGESFTAGGESVSV 238
 Qy 253 LMSPSPLAGLFHRAISQSGTALPRLFTTSNPLKVKVAAKTVQTLAVLAGCKTTSAVFNPVHCLRQ 298
 Db 239 LVLSPLAKNLFHRAISESGVALTVLRKDMKAAKTQAVTAVLAKCCTTSAVFNPVHCLRQ 298
 Qy 311 LSGTKVMRSVSKNMRFLQINFORPPEELIWSMSPVVDGYVIPDPLVLTQG--KVSSYPL 368
 Db 299 KSEBDLQLDTLAKNPLTUDFGDQRESHPLPFLPVDGVLPLKMEBILAEKOFTNTVY 358
 Qy 369 LLGVNNLEFWNLILPYIMKPLRNQAMRKETITOMLWSTRTLNITKEQVPLV--VEEYKL 426
 Db 359 IVCINKQEFGMWLPTMGCPPLSEKGKDORTATSLWKSYPIANPEELTPVATFTDKYLG 418
 Qy 427 NYNEBDWKMLNRNMDIVQDATFVATLQTAHYRDAGLPVLYFEIH--ARGIIYKP 483
 Db 419 GTDGPVKK--KDLFDLMDVYFGVPSVTVQHQHDAGPTVMEFQYRPSFSSDKFVTPK 476
 Qy 484 RTDGADEGDEMFLFGGFATGLSMGKEKALSLQMMCYWANPARTGPNNDGNLPCW--R 541
 Db 477 KTVIGDHDGEIFSFGFLPKLGDAPEEVSLSKTVMKWANFARSIGNNGEGLPHWPTM 536
 Qy 542 YNKDEKYLQDFTTRVGMKLKEKKAFMMSLYQSQRPEK 580
 Db 537 YDQEGLQIGVNTQAALKRGKSEEVAFWNDLLSKEAARK 575

RESULT 5
 US-09-140-933-2
 ; Sequence 2, Application US/09140933
 ; Patent No. 6022719
 ; GENERAL INFORMATION:
 ; APPLICANT: Hubbs, John C.
 ; TITLE OF INVENTION: Enzymatic Process for the Manufacture of
 ; Ascorbic Acid, 2-Keto-L-Gulonic Acid, and Esters of
 ; TITLE OF INVENTION:
 ; Ascorbic Acid, 2-Keto-L-Gulonic Acid
 ; NUMBER OF SEQUENCES: 3
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Eastman Chemical Company
 ; STREET: P.O. Box 511
 ; CITY: Kingsport
 ; STATE: Tennessee
 ; COUNTRY: USA
 ; ZIP: 37662-5075
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows 95
 ; SOFTWARE: Microsoft Word
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/140,933
 ; FILING DATE: 27-August-98
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; FILING DATE: 17-May-96; 25-April-97
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Cheryl J. Tubach
 ; REGISTRATION NUMBER: 38,346
 ; REFERENCE/DOCKET NUMBER: 70432
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 423-229-6189
 ; TELEFAX: 423-229-1239
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 584 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; MOLECULE TYPE: protein
 ; US-09-140-933-2

Query Match 37.6%; Score 1169.5; DB 3; Length 584;
 Best Local Similarity 43.0%; Pred. No. 9.9e-111;

Matches 249; Conservative 108; Mismatches 193; Indels 29; Gaps 13;

NAME: Cheryl J. Tubach
REGISTRATION NUMBER: 38,346
TELECOMMUNICATION INFORMATION:
TELEFAX: 423-229-6189
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 584 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
MOLECULE TYPE: protein
US-09-146-661-2

Query Match 37.6%; Score 1169.5; DB 3; Length 584;
Best Local Similarity 43.0%; Pred. No. 9.9e-111;
Matches 249; Conservative 108; Mismatches 193; Indels 29; Gaps 13;

Qy 26 WILCNSLTLCLMAGTALGALHTKPKQVNY-TKYGLQFLGKPHV---KTPIQFLGVPFS 80
Db 2 WLL--PLVLTSLASSATWAGQAPASPPVVDTAQGRVLGXVSLEGLAFTQPVAVFLGVFA 59

Qy 81 RPPGILRTPAPPEDPKGIRDATTYPGGCLOQESWGGLASMXVST---REBYKWLRF 136
Db 60 KPPGLSLRAPPQDPAEPSEVKNTTSPYPMCCQDPVIVOMTSGLFTNFTGKRBLT-LEFS 118

Qy 137 EDCLYLNRYAPARAPGDPOLPVWPGCAFTYGAASSYEGSDIAAREK-K-YVLFVLCRH 194
Db 119 EDCLYLNRYTPADLTTRGRGLPVWVHGGLVUGAPYMDGVVLAHHNFPTVVVAQYR 178

Qy 195 LGIFGFLSTTDSHARGNWGLLQDQMLAHLNQENIAAFGDPGNVTLFGOS--AGAMISLG 252
Db 179 LGTWGPFSTGCDDEHSGRNCHLDQVAALHWQENIANFGDGPGSTTPOSESTAGGESESV 238

Qy 253 LMNSPLASGLFHRAISQSGTALPFLFTSNPLKVKVAAHLAGCNHNTQI - LUNCRRA 310
Db 239 LTVSPLAGNLFHRAISESVALYALVXDMKMAAAKQAVLACKTTTSAVTFVHCLRQ 298

Qy 311 LSGTKKMRVYSNKORFLQNFQNDPDEEIIWMSMSPVDFGTVIPDDPLVLLTQG--KVSSVPY 368
Db 299 KSEDBELLDLTLSRKELTLDHGDORESPLPVTVDGTLPLPMPPEETIAEKDFTNTVTPY 358

Qy 369 LIGYNNLLETFNWLJLPIYIMKPLNRCQAMRKETITKMLWSTRTLUNITKEQVPLV--VERYLID 426
Db 359 IVGINKQEQTSGLWLLPTMMGRPLSSEGSKLDQRTATSLWKYPIANTPEETPVATFTDKYLG 418

Qy 427 NVNEHDWKLRLNRNMMDIVODATPYATLQTAHYDRDAGLPLVLYFEFEEH--ARGIIVK 483
Db 419 GTDGPVKK--KDLFLDLMEDDVFGVPSVYARERDAGAAPTMSKPLKPCWP-R 541

Qy 484 RTDGADHGDDMYFLFGGPATGISMKGKRALSLQMMKWAFTNARTGNDGNLPCWP-R 541
Db 477 KTVIGDHDGEIBPSVGFPLKGDAPEEVTSLSKTVWKFANPARGNGEGLPHWPPTM 536

Qy 542 YNKEDEKYLQDFTTRGMKLKEKMKAFMWSLYQSOPRK 580
Db 537 YDQEEGXQLQGVNTQAAKLKGEEAVPNDSLSSKEAKK 575

RESULT 6
US-09-146-661-2
Sequence 2, Application US/09146661
GENERAL INFORMATION:
APPLICANT: Hubbs, John C.
TITLE OF INVENTION: Enzymatic Process for the Manufacture of Ascorbic Acid, 2-Keto-L-Gulonic Acid, and Esters of 2-Keto-L-Gulonic Acid
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eastman Chemical Company
STREET: P.O. Box 511
CITY: Kingsport
STATE: Tennessee
COUNTRY: USA
ZIP: 37662-5075
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146,661
FILING DATE: 03 September 98
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/017,879; 08/845,295
FILING DATE: 17-May-96; 25-April-97
ATTORNEY/AGENT INFORMATION:

RESULT 7
US-09-150-515-2
Sequence 2, Application US/09150515
GENERAL INFORMATION:
APPLICANT: Hubbs, John C.
TITLE OF INVENTION: Enzymatic Process for the Manufacture of Ascorbic Acid, 2-Keto-L-Gulonic Acid, and Esters of 2-Keto-L-Gulonic Acid
TITLE OF INVENTION: 2-Keto-L-Gulonic Acid
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eastman Chemical Company
STREET: P.O. Box 511
CITY: Kingsport

Sequence 1, Application US/09264737A
 i GENERAL INFORMATION:
 i Patent No. 6107549
 i APPLICANT: Feng, Paul C.C.
 i APPLICANT: Ruff, Thomas G.
 i TITLE OF INVENTION: Engineering Plant Resistance to Pyridines via
 i Title of Expression of Esterase Enzymes
 i FILE REFERENCE: 38-21(10551) RUE3 Pyridine Tolerance
 i CURRENT APPLICATION NUMBER: US/09/264,737A
 i CURRENT FILING DATE: 1999-03-09
 i EARLIER APPLICATION NUMBER: 60,077,377
 i EARLIER FILING DATE: 1998-03-10
 i NUMBER OF SEQ ID NOS: 11
 i SOFTWARE: PatentIn Ver. 2.0
 i SEQ ID NO: 1
 i LENGTH: 539
 i TYPE: PRT
 i ORGANISM: Rabbit
 i US-09-264-737-1

Query Match 36.4%; Score 1133; DB 3; Length 539;
 Best Local Similarity 41.3%; Pred. No. 4.8e-107; Indels 30; Gaps 10;
 Matches 227; Conservative 115; Mismatches 177; Query Match 34.8%; Score 1083; DB 4; Length 559;
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 27 ILCWSLTCLMATAOTALGALHTKRPQVTVKGPQLGKOMHV - GKTPTQVFQGVPSRPLP 84
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;
 Matches 232; Conservative 94; Mismatches 204; Query Match 34.8%; Score 1083; DB 4; Length 559;
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 13 VACGLLILVRGQ---GQDSASPIRTHHTGQVLGLSVLHVKGANAGYQTFLGIPKPKPL 68
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 85 GTLRFAPEPPERWKIGIRDATTPPGCLOESWQQLASMYVSTRERYTKWLRFSEDCIYLNV 144
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 69 GPURFAPEPPSWSGYRDITHPAMCLQDLTAVESFELSQPNMTFPSSDMSDECILYLSI 128
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 145 YAPRAPGDQPLPVMMWPGGGATFYGRASSYEGSDLAAREKVKVYPLQHRLGIFGFJSTD 204
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 129 YTPAHSHGSNSLQVMWVHGGALVFGNALSYDGSMLAALENVVVVIIQYRLGVGLGPSTG 188
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 205 DSHARGWGLLQMAALRWQBNIAFGGDPGNVTLFGOSAGAMSISGLAMSPASGLFH 264
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 189 DKHATGNGYLQVAALRWQONIAFGGPNPRTVTFGEASGTYSVSSLVSPISQGLFH 248
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 265 RAISQSTALFRFLITSNPLKAVKAHLAGCNHNSTQILNCLRALSGTKMRVNKNMR 324
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 249 GAIMEGVALLFCGLIASADVISTVYANLSSADQVSBEALVCLRGKSKEELTAINKPKF 308
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 325 FLQINFORDEPELIWSNSPVYDGVVIFDDPLVYLTTQGVSSVPYLLGVNNLEFNWLLPYI 384
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 309 MI-----PGWVDFVFLPRHQFLQELLASDFOQPSIYGVNNNEFGWLLPKV 353
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 385 MKPEPLNQAMRKETITKLWSTRTLNITKEQVPLVYEEYL-DNTNEHDWKMLRNRMIDI 443
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 354 MRITYDQEMDRASQAOLQMLTLLMLPPPTGDLIREEYGDNN--GDPQTLQAQFQEM 410
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 444 VQDATFVYATLQATHYRDLGIPVLYEEPEHARGI-IVKPTDGAHDGDEMFL---F 498
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 411 MADSMFTVPAQYAHF QCSRAPVYFYEFQHQSPSWLKNIIRPHMKADHGDELMF---F 469
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 499 GGBPATGSLMGKEKALSLQMMKYWANFARTGNPNDNLPCWPRYKDQBLDFTRVG 558
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 470 GGNYIKFTF--EEEQLSRKMKYWANFARTGNPGECLPMLPDQEYQLQNLQPAVG 527
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 559 MCLKEKGMWF---MSLYQQQRPERQ 581
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

Query Match 528 RALKHRLQFWKCALPKQKELBEPER 555
 Best Local Similarity 40.8%; Pred. No. 7e-102; Indels 38; Gaps 10;

RESULT 11
 Sequence 6426, Application US/09949016
 Patent No. 6812339
 GENERAL INFORMATION:
 i TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 i FILE REFERENCE: CL001307
 i CURRENT APPLICATION NUMBER: US/09/949,016
 i CURRENT FILING DATE: 2000-04-14

RESULT 10
 Sequence 28, Application US/09595682B
 Patent No. 6800433
 GENERAL INFORMATION:
 i APPLICANT: Danks, Mary K.
 i APPLICANT: Potter, Philip M.
 i APPLICANT: Houghton, Peter J.

PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR APPLICATION NUMBER: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 6426
 TYPE: PRT
 ORGANISM: Human
 US-09-949-016-9670

Query Match 34.8%; Score 1083; DB 4; Length 559;
 Best Local Similarity 40.8%; Pred. No. 7e-102;
 Matches 232; Conservative 94; Mismatches 204; Indels 38; Gaps 10;

Qy 27 ILCMSLTLCLMAGTALGALTGHTRKPVVTKYGTIQLGKQHVV-GKTPICVFLGVFSRPLL 84
 Db 13 VACGLLILVVRQG---GODSASPIRTHITQVULSHVKGANAGVQTFGLGPFAKEPL 68
 Qy 85 GLRFAPPPEPKWKGIRDATTYPPGCLOESNGOLASHMYVSTRERYKMLRFSESDCLYLNV 144
 Db 69 GLRFAPPPEPKWPEMSGVDRGTTPAMLQDLTAVESLSQFNMNTFPDSMSIDCLYLNV 146
 Qy 145 YAPRAPGDQLPVMWPGGAPIVGASSYBESDLDAREKTVLFVLOHRIGFGFLSTD 204
 Db 129 YTPAHSHEGSNLPVMWTHGGLVFGMASLYDGSMLAILENTVVIQYRLGVGFSTG 206
 Qy 205 DSHARGNWGLDQNAALRWQENITAFCGGDPGNVTLFQSGAMISLGMMSPLASGLFH 264
 Db 207 DREATGNGYLDQVAALRWQONIAHFGNPDRVTIFBSAGETSVSLVSPSIQGLFH 266
 Qy 265 RAISQSGTALFRFLPITSNPLKVAKVKAHLAGCNHNSTOILVNCRALSGTKVNRSNMR 324
 Db 189 DGHATGNGYLDQVAALRWQONIAHFGNPDRVTIFBSAGGTTSVSLVSPDISQGLFH 248
 Qy 266 RAISQSGTALFRFLPITSNPLKVAKVKAHLAGCNHNSTOILVNCRALSGTKVNRSNMR 324
 Db 249 GATMBSGVALLPGLIASADVISTVANLNSACQDVDSALVGCURGKSKERIILANKPFK 308
 Qy 325 FLQINPQRDPPEIWMSMUVDGIVIPDDPLVLITQGVSSVYPLGNNLEPNWLLFYI 384
 Db 309 MI-----PEVVDGVFLPBPQELLAADFQPSIVGNNNEFGWLIPKV 353
 Qy 385 MKCPPLNRQAMRKETTITQMLWSTRLLNITKEQVPLVBEYL-DVNNEHDWMLRNRMIDI 443
 Db 354 MRYDTQKEMDREASQAALQKMLTLLMPPTFGDLLRREYIGDN---GDPQTQIQAQFQEM 410
 Qy 444 VODATEVYATLQTAHYHRDAGLPVYLYFEHHARGI-IVKPRTDGADHGDEMFL---F 498
 Db 411 MADSMFVTPALQVAF-QCSRAPYTFQHQPSWLKNIRPBMKAIDGDELPFVFRSFF 469
 Qy 499 GGPPATGSMGKEKALSOMMKWTANFARTGNPDGNPCWPYRNKODEKYLQDFTRVG 558
 Db 470 GGNYTIKPTB--EPEQLSKOMKWTANFARTGNPDGNPCWPYRNKODEKYLQDFTRVG 527
 Qy 559 MCLKEKMAFW---MSLYQSOPRERQ 581
 Db 528 RALKAHRLQFWKKALPKIQLEPEER 555
 RESULT 13
 US-08-446-100-26

Sequence 26, Application US/08446100
 Patent No. 6001625
 GENERAL INFORMATION:
 APPLICANT: Broomfield, Clarence A
 APPLICANT: Millard, Charles B
 TITLE OF INVENTION: Site-Directed Mutagenesis of Esterases
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hendricks and Assoc.
 STREET: 9669 A Main Street, P.O. Box 2509
 CITY: Fairfax
 STATE: VA
 COUNTRY: US
 ZIP: 22031

RESULT 12
 US-09-949-016-9670
 Sequence 3670, Application US/09949016
 Patent No. 6812339
 GENERAL INFORMATION:
 APPLICANT: Venter, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: C1001307
 CURRENT APPLICATION NUMBER: US/09/949, 016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compat.
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/446,100
 FILING DATE: 19-MAY-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Hendricks, Glenna
 REGISTRATION NUMBER: 32,535
 REFERENCE/DOCKET NUMBER: broomfield
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 425-4250
 TELEFAX: (703) 425-2767
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 454 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ANTI-SENSE: YES
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: human esterases
 US-08-446-100-26

	Query Match	Score	Length	DB	Best Local Similarity	Pred.	No.	Mismatches	Indels	Gaps	4;
Qy	137 EDCLYINNTYAPARAGDPOLPVWVWPGGAPIYCAASSYEGSDLAAREKIVNVLPLQRIG 196	31.6%	3	DB 3;	Score 983.5;	Length 454;					
Db	1 EHCLYLINNTYPAIDLTKRNLPLPVWVWPGGALMGAASTYEGSDLAAREKIVNVLPLQRIG 196	43.6%	2	DB 2;	Pred. No. 8e-92;						
Qy	197 IFGFLSTDDSHARGNWGLDQMAALRWQENTIAFGGDGPGNVTLFGGSAGAMSIGLAMMS 256			DB 1;	Conservative	91;	Mismatches 158;				
Db	61 IWGFSTGTDEHSRGNWGLDQVAALRWQDNIASFGNPNSVTFIGSAGGESVSIVLVL 120			DB 1;							
Qy	257 PLASGIFHRAISQSCSTAFLRFLFITSNPLK-VAKKVALLAGCNHNSTQIYVNCLRALS GTK 315			DB 1;							
Db	121 PLAKNIFHRAISESSEVAJTSVLYKGDKVPLABQIAITAGCKITTSAMVHLRKQKEEE 180			DB 1;							
Qy	316 VMRVSNKMRFLQLNQFRDPEELWMSMSPVUDGTVIPDPDVLLTQGVSSVPUYLGVNNL 375			DB 1;							
Db	181 LLETTKLIGNSYLTYRETQESTLGLTYIDGMILLKTPPEELQERENFTVPMYCINKQ 240			DB 1;							
Qy	376 EFNWLIP-YTMKFPLNQRQMRKETITKMLWSTTLLNLTKEOPLVYEEFVNDVNEHDWK 434			DB 1;							
Db	241 EFGWLIPMQLMSYPLSEGQDQTKTAMSLLGSPVPLFLAIKELIPEATEKYLGGTD--DTV 298			DB 1;							
Qy	435 MLRNRMMDIVQDATEFYATLQTAHYHRDAGLPYLYFEHH-ARGLTVKPRTDGADHGDE 493			DB 1;							
Db	299 KKKDLILDIJADVMGVPESVIVARNHRDAGPTMYEPQRPFSSMMPKTKVIGDHGDE 358			DB 1;							
Qy	494 MYFLFGGPPATGSMGKEAKSLQMMKWWANFARTGNNDGNLPCWPRYNKDEKYLQDF 553			DB 1;							
Db	359 LFSTFGGAPFLKEGASEEETRLSKWVNMKWANFARTGNNGKULPHWBFYQNKEGVLQIGA 418			DB 1;							
Qy	554 TTRVGMKFLKEKQAFWMSLYQSOPREPKQR 583			DB 1;							
Db	419 NTQAQQKLKDKEAVWTNLFAKAKVEKPPQ 448			DB 1;							

RESULT 14
 US-08-446-100-30
 Sequence 30, Application US/08446100
 Patent No. 600165
 APPLICANT: Broomfield, Clarence A
 GENERAL INFORMATION:

Qy 554 TTRVGMKLMKEKRMFAWMMSLYQSQRPEKQRQ 583
 : | : | : | : | : | : | : |
 Db 419 NTQAAQKLKDKEVAWTNLPAKKAVEKPPQ 448
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RESULT 15
 : Sequence 31, Application US/08446100
 : Patent No. 600165
 : GENERAL INFORMATION:
 : APPLICANT: Broomfield, Clarence A
 : APPLICANT: Millard, Charles B
 : APPLICANT: Lockridge, Oksana
 : TITLE OF INVENTION: Site-Directed Mutagenesis of Esterases
 : NUMBER OF SEQUENCES: 31
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Hendricks and Assoc.
 : STREET: 9669 A Main Street, P.O. Box 2509
 : CITY: Fairfax
 : STATE: VA
 : COUNTRY: US
 : ZIP: 22031
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/446,100
 : FILING DATE: 19-MAY-1995
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Hendricks, Glenn
 : REGISTRATION NUMBER: 32,535
 : REFERENCE/DOCKET NUMBER: broomfield
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (703) 425-4250
 : TELEFAX: (703) 425-2767
 : INFORMATION FOR SEQ ID NO: 31:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 454 amino acids
 : TYPE: amino acid
 : STRANDEDNESS: single
 : TOPOLOGY: unknown
 : MOLECULE TYPE: protein
 : HYPOTHETICAL: YES
 : ANTI-SENSE: YES
 : FRAGMENT TYPE: N-terminal
 : ORIGINAL SOURCE:
 : ORGANISM: human esterases
 : US-08-446-100-31

Query Match 31.6%; Score 983.5; DB 3; Length 454;
 Best Local Similarity 43.6%; Pred. No. 8e-92;
 Matches 196; Conservative 91; Mismatches 158; Indels 5; Gaps 4;
 Db 1 EHCLYLNNTT PADLT KNR LPL PVMWTHGGGLMVAAS T DGLA LAHEN VVTT QYRLG 60
 Qy 197 IFGFLSTDDSHARGNWGLDQMAALR WQENIAA FG GDPC NYLFG QSA GM STS GLAMS 256
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 Qy 137 EDCLYLNNTT PADLT KNR LPL PVMWTHGGGLMVAAS T DGLA LAHEN VVTT QYRLG 196
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 Db 1 PLASGLFRAISQSTALPRLFTTSNPLK VAKVYAHLAGCNANSTQI VNCNRLA SGTK 315
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 Db 121 PLAKNLFHAI SECV AL TSVL VCK GDVPLAE QTA ITAGCKT TTSAMV HCL RQK TEE 180
 Qy 316 VMRVSNKMRFLQLNFQRDPEBII NSMSPVVDGVVTPDPVLLTQGK YSSVP YLG YNNL 375
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 Db 181 LLRFTLKGNSYLWTRYTREORESHL LGTVIDMELLKTPPELQERNFTTVP MVGINKQ 240
 Qy 376 EFNWLLP-YIMKFPLNRAQMKTETIKMLWSTRTLNNITKEQVPLVVEYYLDNVNEHDWK 434

Db 241 EFGNLIPMQLMSYPLSEGQLDQKTAAMSLLGSPITLFAKELI BEATEKYLGGTD-DRV 298
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 435 MLRRMMMDTVQDATEVYATLQTAHYHRDAGLPVLYEFEH-AGI IVEPRPTDADHGDE 493
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 Db 299 KKDDILDLIADVNFGPSPSIVTAVNHRDAGAPTMYEQVRPSSSDMKEFKTVGDHGDE 358
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 Qy 494 MYFLFGGPATGSMKEKALSLQMMKTYWANPARTGNPN DGNLPCWPRTN K D E K Y L Q D F 553
 : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
 Db 359 LFSFGAPPLKEGGISBEEIRLSKVNMKFWANFANGNPNGKGLPHMPETNQKEGYLQIGA 418
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 Qy 554 TTRVGMKLMKEKRMFAWMMSLYQSQRPEKQRQ 583
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 Db 419 NTQAAQKLKDKEVAWTNLFAKKAVEKPPQ 448
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Search completed: May 10, 2005, 16:54:07
 Job time : 32 secs

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Copyright (c) 1993 - 2005 Compugen Ltd.													
run on: May 10, 2005, 16:36:12 ; Search time 441 Seconds (without alignments) 441.773 Million cell updates/sec													
Scoring table: BLOSUM62													
Title: US-10-001-227-2													
perfect score: 3112	Sequence: 1 MPSTVLPSTVLPSSLPTAGA..... KMAFMNSLYQSQRPEKQRF 584	Total number of hits satisfying chosen parameters:	1428581	Maximum DB seq length: 0	Maximum DB seq length: 2000000000	Published Applications At: * 1: /cgn2_6/ptodata/1/pubpaa/us07_PUBCOMB.pep: * 2: /cgn2_6/ptodata/1/pubpaa/pct NEW PUB.pep: * 3: /cgn2_6/ptodata/1/pubpaa/us06_NEW PUB.pep: * 4: /cgn2_6/ptodata/1/pubpaa/us06_PUBCOMB.pep: * 5: /cgn2_6/ptodata/1/pubpaa/us07_NEW PUB.pep: * 6: /cgn2_6/ptodata/1/pubpaa/pctos_PUBCOMB.pep: * 7: /cgn2_6/ptodata/1/pubpaa/us08_NEW PUB.pep: * 8: /cgn2_6/ptodata/1/pubpaa/us08_PUBCOMB.pep: * 9: /cgn2_6/ptodata/1/pubpaa/us09_B_PUBCOMB.pep: * 10: /cgn2_6/ptodata/1/pubpaa/us09_B_PUBCOMB.pep: * 11: /cgn2_6/ptodata/1/pubpaa/us09C_PUBCOMB.pep: * 12: /cgn2_6/ptodata/1/pubpaa/us09_N_PUB.pep: * 13: /cgn2_6/ptodata/1/pubpaa/us10_A_PUBCOMB.pep: * 14: /cgn2_6/ptodata/1/pubpaa/us10_B_PUBCOMB.pep: * 15: /cgn2_6/ptodata/1/pubpaa/us10C_PUBCOMB.pep: * 16: /cgn2_6/ptodata/1/pubpaa/us10D_PUBCOMB.pep: * 17: /cgn2_6/ptodata/1/pubpaa/us10_N_PUB.pep: * 18: /cgn2_6/ptodata/1/pubpaa/us11_NEW_PUB.pep: * 19: /cgn2_6/ptodata/1/pubpaa/us60_NEW_PUB.pep: * 20: /cgn2_6/ptodata/1/pubpaa/us60_PUBCOMB.pep: *	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	SUMMARIES	Query No.	Score	Match Length	DB ID	Description
post-processing: Minimum Match 0%	Maximum Match 100%	Listing first 45 summaries											
database :													
RESULTS	1	US-10-001-227-2	Sequence 1, Application US/10001227	Best Local Similarity 100.0%; Pred. No. 4, 8e-282;	Mismatches 0; Indels 0;	Gaps 0;							
			Sequence 2, Application US/10001227	Conservative 0; Mismatches 0;	Indels 0;	Gaps 0;							
			Sequence 3, Application US/10001227	General Information:									
			Sequence 4, Application US/10001227	Applicant: KAPELLER-LIBERMANN									
			Sequence 5, Application US/10001227	Publication No. US003016690A1									
			Sequence 6, Application US/10001227	Applicant: SILOS-SANTIAGO									
			Sequence 7, Application US/10001227	Title of Invention: PAIN-RELATED DISORDERS									
			Sequence 8, Application US/10001227	File Reference: MN1-199									
			Sequence 9, Application US/10001227	Current Filing Date: 2001-11-30									
			Sequence 10, Application US/10001227	Prior Application Number: 60/250929									
			Sequence 11, Application US/10001227	Number of SEQ ID NOS: 7									
			Sequence 12, Application US/10001227	Software: FastSEQ for Windows Version 4.0									
			Sequence 13, Application US/10001227	SEQ ID NO: 2									
			Sequence 14, Application US/10001227	Length: 584									
			Sequence 15, Application US/10001227	Type: PRT									
			Sequence 16, Application US/10001227	Organism: Homo sapiens									
			Sequence 17, Application US/10001227	US-10-001-227-2									

bb 121 SMVSTRBRYKWLRFSEDCYLINVYAPARAPDPQLPVMWPGGAFIVGAASSYEGSDL 180
 yy 181 AAREKVYLFLORLGLFGFLSTDDSHARGNGLLDOMAALRWQENIAAFCGDPGNVTL 240
 bb 181 AAREKVYLFLORLGLFGFLSTDDSHARGNGLLDOMAALRWQENIAAFCGDPGNVTL 240
 bb 241 FGOSAGAMSISGLMMSPLASLGFTHRALSQTALFRIFITSNPLKYAKVVAHLAGCNHNS 300
 bb 241 FGOSAGAMSISGLMMSPLASLGFTHRALSQTALFRIFITSNPLKYAKVVAHLAGCNHNS 300
 bb 301 TOILVNCRLAISLGTQMRVSNKMRFLQNFNQDFDEETIWSMSPPVDCGIVIPDPLVLTQ 360
 bb 301 TOILVNCRLAISLGTQMRVSNKMRFLQNFNQDFDEETIWSMSPPVDCGIVIPDPLVLTQ 360
 yy 361 GKVSSPYLLGYNNLBNWLPYMKPKEPLNQAMRKETITKQMLWSTRTLNLTKEQVPLV 420
 bb 361 GKVSSPYLLGYNNLBNWLPYMKPKEPLNQAMRKETITKQMLWSTRTLNLTKEQVPLV 420
 yy 421 VEEYLDVNNEHDWKMLRNRMIDIVQDATFVATLQAHYRDAGLPVLYEFEHHARGII 480
 bb 421 VEEYLDVNNEHDWKMLRNRMIDIVQDATFVATLQAHYRDAGLPVLYEFEHHARGII 480
 yy 481 VKPRTDGADHGDEMFLFGGPATGLSMGKEKALSLQMMKQWANFARTGNPDGNLPCWP 540
 bb 481 VKPRTDGADHGDEMFLFGGPATGLSMGKEKALSLQMMKQWANFARTGNPDGNLPCWP 540
 yy 541 RYNKDEKYLQOLDFTTRYGMKLKEKQMAFWMSLYQSQRPEKQRQF 584
 bb 541 RYNKDEKYLQOLDFTTRYGMKLKEKQMAFWMSLYQSQRPEKQRQF 584

bb 121 SMVSTRBRYKWLRFSEDCYLINVYAPARAPDPQLPVMWPGGAFIVGAASSYEGSDL 180
 yy 181 AAREKVYLFLORLGLFGFLSTDDSHARGNGLLDOMAALRWQENIAAFCGDPGNVTL 240
 bb 181 AAREKVYLFLORLGLFGFLSTDDSHARGNGLLDOMAALRWQENIAAFCGDPGNVTL 240
 bb 241 FGOSAGAMSISGLMMSPLASLGFTHRALSQTALFRIFITSNPLKYAKVVAHLAGCNHNS 300
 bb 241 FGOSAGAMSISGLMMSPLASLGFTHRALSQTALFRIFITSNPLKYAKVVAHLAGCNHNS 300
 bb 301 TOILVNCRLAISLGTQMRVSNKMRFLQNFNQDFDEETIWSMSPPVDCGIVIPDPLVLTQ 360
 bb 301 TOILVNCRLAISLGTQMRVSNKMRFLQNFNQDFDEETIWSMSPPVDCGIVIPDPLVLTQ 360
 yy 361 GKVSSPYLLGYNNLBNWLPYIMCPFLNQAMRKETITKMLWSTRTLNLTKEQVPLV 420
 bb 361 GKVSSPYLLGYNNLBNWLPYIMCPFLNQAMRKETITKMLWSTRTLNLTKEQVPLV 420
 yy 421 VEEYLDVNNEHDWKMLRNRMIDIVQDATEYYATLQAHYRDAGLPVLYEFEHHARGII 480
 bb 421 VEEYLDVNNEHDWKMLRNRMIDIVQDATEYYATLQAHYRDAGLPVLYEFEHHARGII 480
 yy 481 VKPRTDGADHGDEMFLFGGPATGLSMGKEKALSLQMMKQWANFARTGNPDGNLPCWP 540
 bb 481 VKPRTDGADHGDEMFLFGGPATGLSMGKEKALSLQMMKQWANFARTGNPDGNLPCWP 540
 yy 541 RYNKDEKYLQOLDFTTRYGMKLKEKQMAFWMSLYQSQRPEKQRQF 584
 bb 541 RYNKDEKYLQOLDFTTRYGMKLKEKQMAFWMSLYQSQRPEKQRQF 584

RESULT 2
 Sequence 10, Application US/10343593
 Publication No. US004011025PA1
 GENERAL INFORMATION:
 APPLICANT: INCYTE GENOMICS, INC.; BAUGHN, Mariah R.;
 APPLICANT: BRUNS, Christopher M.; DAS, Dehopriya;
 APPLICANT: DELEGRANT, Angelo M.; DING, Li;
 APPLICANT: ELLIOT, Vicki S.; GANDHI, Amenea R.;
 APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.;
 APPLICANT: KHAN, Farrah A.; LAL, Preeti G.;
 APPLICANT: LEE, Sally; LU, Duyng Aina M.;
 APPLICANT: LU, Yan; ARIVUZ, Chandra S.;
 APPLICANT: RAMKUMAR, Jayalaxmi; RING, Huijun Z.;
 APPLICANT: SANJAWALA, Madhusudan M.; TANG, Y. Tom;
 APPLICANT: THANGAVELU, Kavitha; THORNTON, Michael;
 APPLICANT: TRIBOLEY, Catherine M.; CHAWLA, Narinder K.;
 APPLICANT: WARREN, Bridget A.; YANG, Junning;
 APPLICANT: YAO, Monique G.; YUE, Henry

FILE REFERENCE: PI-0185 USN
 CURRENT APPLICATION NUMBER: US 10/343,593
 CURRENT FILING DATE: 2003-01-29
 PRIOR APPLICATION NUMBER: US 60/223,055
 PRIOR FILING DATE: 2000-08-04
 PRIOR APPLICATION NUMBER: US 60/224,728
 PRIOR FILING DATE: 2000-08-11
 PRIOR APPLICATION NUMBER: US 60/226,440
 PRIOR FILING DATE: 2000-08-18
 PRIOR APPLICATION NUMBER: US 60/228,067
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: US 60/230,063
 PRIOR FILING DATE: 2000-08-31
 PRIOR APPLICATION NUMBER: US 60/232,244
 PRIOR FILING DATE: 2000-09-13
 PRIOR APPLICATION NUMBER: US 60/234,269
 PRIOR FILING DATE: 2000-09-20
 NUMBER OF SEQ ID NOS: 38
 SOFTWARE: PERL Program
 LENGTH: 584

RESULT 3
 US-09-978-295A-254
 Sequence 254, Application US/09978295A
 Patent No. US-002015600EA1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Pilvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kljavin, Ivar J.

/ APPLICANT: Kuo, Sophia S.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James;
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: ROY, Margaret Ann
 / APPLICANT: Sheldon, David L.
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Thomas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2630P1C1
 / CURRENT APPLICATION NUMBER: US/09/978,295A
 / CURRENT FILING DATE: 2001-10-15
 / PRIOR APPLICATION NUMBER: 09/18585
 / PRIOR FILING DATE: 2001-07-30
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR APPLICATION NUMBER: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/064249
 / PRIOR FILING DATE: 1997-11-03
 / PRIOR APPLICATION NUMBER: 60/065311
 / PRIOR FILING DATE: 1997-11-13
 / PRIOR APPLICATION NUMBER: 60/066364
 / PRIOR FILING DATE: 1997-11-21
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 / PRIOR FILING DATE: 1998-03-31
 / PRIOR APPLICATION NUMBER: 60/080105
 / PRIOR FILING DATE: 1998-03-31
 / PRIOR APPLICATION NUMBER: 60/080107
 / PRIOR FILING DATE: 1998-03-31
 / PRIOR FILING DATE: 1998-03-31
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 / PRIOR APPLICATION NUMBER: 60/080333
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 / PRIOR FILING DATE: 1998-04-08
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 / PRIOR FILING DATE: 1998-04-22
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 / PRIOR FILING DATE: 1998-04-21
 / PRIOR APPLICATION NUMBER: 60/082700
 / PRIOR FILING DATE: 1998-04-21
 / PRIOR APPLICATION NUMBER: 60/082704
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 PRIOR FILING DATE: 1998-05-15
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 PRIOR APPLICATION NUMBER: 60/085697

Query Match 65.1%; Score 2026.5; DB 9; Length 545;
 Best Local Similarity 80.3%; Pred. No. 1.9e-180; Indels 67; Gaps 2;
 Matches 399; Conservative

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 Qy 66 VGRIPIQVLTGVPSRPRPGILRAPPPEPKGIRADATTYPPG----- 110
 Db 107 VGRTPIQVFLGVPSRPRDGILRAPPPEPKGIRADATTYPPGWSLALSPOWSAVRS 166
 Qy 111 -----CLOESWGOLASMSVSTRERYKWRFSEDCLYINVY 145
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 Qy 206 SHARGNWGLDQMAALRWQENTAAGGDGPGNTLFGSAGANSISGMSPASGLFR 265
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 Db 347 AISOQSTGLFRLFITSNPLKVKAKVVAHLAGCNHINSTQILVNLRLSCTKVMRVSNKRNF 406
 Qy 326 LQNFQRDPREITISMSPVVDGVVLPDDPLVLLTGQKSVSPVLYGNNLEFWLLPTIM 385
 Db 407 LQNFQRDPREITISMSPVVDGVVLPDDPLVLLTGQKSVSPVLYGNNLEFWLLP-- 464
 Qy 386 KFPLNRQAMRKET1TKMLMSTRILNITKEQPVLYVEYLDNNEHDWKLNRMMDVQ 445
 Db 465 -----NITEQVPLVVEYLDNNEHDWKLNRMMDVQ 499
 Qy 446 DATFVYATLQTAHYRD 462

Db 500 DATFVYATLQTAHYRE 516

RESULT 4
 US-09-978-697-254
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 Patent No. US20020169288A1
 GENERAL INFORMATION:
 APPLICANT: Asidenanzi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
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 APPLICANT: Fong, Sherman
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 APPLICANT: Kuo, Sophia S.
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 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel P.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 Acid Encoding the Same
 CURRENT APPLICATION NUMBER: US/09/978-697
 FILE REFERENCE: P2630PIC27
 CURRENT FILING DATE: 2001-10-16
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Query Match 65.1%; Score 2026.5; DB 9; Length 545;
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 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
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 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kiljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Naylor, Mary A.
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Thomas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2630P1C9
 ; CURRENT APPLICATION NUMBER: US/09/978,192A
 ; CURRENT FILING DATE: 2001-10-15
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Query Match 65.1%; Score 2026.5; DB 9; Length 545;
Best Local Similarity 0.9e-180; Pred. No. 1.9e-180;
Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

Qy 6 LPSTVLPSPUPTAGAGWSMRWILQLSLLCMAQTAALGALHTKRPQVYTKYGLQKQMH 65
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; Publication No. US20020192706A1

GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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; APPLICANT: Pilvaroff, Ellen
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APPLICANT: Hillan, Kenneth J
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 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shalton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tunas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William J.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C63
 CURRENT APPLICATION NUMBER: US/09/999, 832A
 CURRENT FILING DATE: 2001-10-24
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/077804
 PRIOR FILING DATE: 1998-03-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078939
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
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 PRIOR APPLICATION NUMBER: 60/079920
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 PRIOR APPLICATION NUMBER: 60/079923
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079926
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/080105
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080107
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080194
 PRIOR FILING DATE: 1998-03-31

/ PRIOR APPLICATION NUMBER: 60/080327
 / PRIOR FILING DATE: 1998-04-01
 / PRIOR APPLICATION NUMBER: 60/080328
 / PRIOR FILING DATE: 1998-04-01
 / PRIOR APPLICATION NUMBER: 60/080333
 / PRIOR FILING DATE: 1998-04-01
 / PRIOR APPLICATION NUMBER: 60/080334
 / PRIOR FILING DATE: 1998-04-01
 / PRIOR APPLICATION NUMBER: 60/081070
 / PRIOR FILING DATE: 1998-04-08
 / PRIOR APPLICATION NUMBER: 60/081049
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 / PRIOR APPLICATION NUMBER: 60/081203
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 / PRIOR APPLICATION NUMBER: 60/083322
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/083495
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/083554
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/083556
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 / PRIOR APPLICATION NUMBER: 60/083559
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/083500
 / PRIOR FILING DATE: 1998-04-29
 / PRIOR APPLICATION NUMBER: 60/083742
 / PRIOR FILING DATE: 1998-04-30
 / PRIOR APPLICATION NUMBER: 60/084366
 / PRIOR FILING DATE: 1998-05-05
 / PRIOR APPLICATION NUMBER: 60/084414
 / PRIOR FILING DATE: 1998-05-06
 / PRIOR APPLICATION NUMBER: 60/084441

Qy	PRIOR FILING DATE: 1998-05-06	US-09-978-189-254	446 DATFYATLQTAHYHID 462
	PRIOR APPLICATION NUMBER: 60/084637	; Sequence 254, Application US/09978189	
	PRIOR FILING DATE: 1998-05-07	; Publication No. US2003004102A1	
	PRIOR APPLICATION NUMBER: 60/084598	; GENERAL INFORMATION:	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Ashkenazi, Avi	
	PRIOR APPLICATION NUMBER: 60/084639	; APPLICANT: Baker, Kevin P.	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Botstein, David	
	PRIOR APPLICATION NUMBER: 60/084600	; APPLICANT: Deansyers, Luc	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Eaton, Dan	
	PRIOR APPLICATION NUMBER: 60/084640	; APPLICANT: Ferrara, Napoleon	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Filvaroff, Ellen	
	PRIOR APPLICATION NUMBER: 60/084627	; APPLICANT: Fong, Sherman	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Gao, Wei-Qiang	
	PRIOR APPLICATION NUMBER: 60/084643	; APPLICANT: Gerber, Hanspeter	
	PRIOR FILING DATE: 1998-05-07	; APPLICANT: Gerritsen, Audrey E.	
	PRIOR APPLICATION NUMBER: 60/085339	; APPLICANT: Goddard, Audrey	
	PRIOR FILING DATE: 1998-05-13	; APPLICANT: Godowski, Paul J.	
	PRIOR APPLICATION NUMBER: 60/085338	; APPLICANT: Grimaldi, J. Christopher	
	PRIOR FILING DATE: 1998-05-13	; APPLICANT: Gurney, Austin L.	
	PRIOR APPLICATION NUMBER: 60/085323	; APPLICANT: Hillan, Kenneth J.	
	PRIOR FILING DATE: 1998-05-13	; APPLICANT: Kjavian, Ivar J.	
	PRIOR APPLICATION NUMBER: 60/085582	; APPLICANT: Kuo, Sophia S.	
	PRIOR FILING DATE: 1998-05-15	; APPLICANT: Napier, Mary A.	
	PRIOR APPLICATION NUMBER: 60/085700	; APPLICANT: Pan, James;	
	PRIOR FILING DATE: 1998-05-15	; APPLICANT: Paoni, Nicholas F.	
	PRIOR APPLICATION NUMBER: 60/085689	; APPLICANT: Roy, Margaret Ann	
	PRIOR FILING DATE: 1998-05-15	; APPLICANT: Shelton, David L.	
	PRIOR APPLICATION NUMBER: 60/085579	; APPLICANT: Stewart, Timothy A.	
	PRIOR FILING DATE: 1998-05-15	; APPLICANT: Tumas, Daniel	
	PRIOR APPLICATION NUMBER: 60/085580	; APPLICANT: Williams, P. Mickey	
	PRIOR FILING DATE: 1998-05-15	; APPLICANT: Wood, William J.	
	PRIOR APPLICATION NUMBER: 60/085573	; TITLE OF INVENTION: Secreted and Trans-	
	PRIOR FILING DATE: 1998-05-15	; TITLE OF INVENTION: Acids Encoding t-	
	PRIOR APPLICATION NUMBER: 60/085704	; CURRENT APPLICATION NUMBER: US/09/978-	
	PRIOR FILING DATE: 1998-05-15	; FILE REFERENCE: P22630P1C7	
	PRIOR APPLICATION NUMBER: 60/085677	; CURRENT FILING DATE: 2001-10-15	
	PRIOR FILING DATE: 1998-05-15	; PRIOR APPLICATION NUMBER: 09/918585	
	PRIOR APPLICATION NUMBER: 60/085573	; PRIOR FILING DATE: 2001-07-30	
	PRIOR FILING DATE: 1998-05-15	; PRIOR APPLICATION NUMBER: 60/062250	
	PRIOR APPLICATION NUMBER: 60/085704	; PRIOR FILING DATE: 1997-10-17	
	PRIOR FILING DATE: 1998-05-15	; PRIOR APPLICATION NUMBER: 60/064249	
	PRIOR APPLICATION NUMBER: 60/085677	; PRIOR FILING DATE: 1997-11-03	
Query Match	Score 2026.5; DB 9; Length 545;	PRIOR APPLICATION NUMBER: 60/065311	
Best Local Similarity 80.3%; Pred. No. 1.e-180	Mismatches 5; Conservative 26; Indels 67; Gaps 2;	PRIOR APPLICATION NUMBER: 60/077632	
Matches 399; Conservatve 5; Mismatches 26; Indels 67; Gaps 2;	PRIOR APPLICATION NUMBER: 60/077641	PRIOR FILING DATE: 1998-03-11	
	PRIOR APPLICATION NUMBER: 60/077649	PRIOR FILING DATE: 1998-03-11	
Qy	6 LPSLTVSPPLIPAGAGNSMRWLCSWLTLCMAQTLAGALWKRPQVVTKGTLQGROMH 65	PRIOR FILING DATE: 1998-03-10	
Db	47 LGSTSTTATTASAPSSGRTGTGFSKPATGFTLGGTGNTGALWKRPQVVTKGTLQGROMH 106	PRIOR FILING DATE: 1998-03-11	
Qy	66 VGRTPQVFLGVFYSRSPRLGLRFAPEPPPEPKGIRDATYDPPG ----- 110	PRIOR FILING DATE: 1997-11-21	
Db	107 VGRTPQVFLGVFYSRSPRLGLRFAPEPPPEPKGIRDATYDPPG ----- 166	PRIOR FILING DATE: 1997-11-21	
Qy	111 ----- -CLOESNGOLASMYSTRERYKWLRFSEDCYLUNVY 145	PRIOR FILING DATE: 1998-03-10	
Db	167 RLTATSASRQASLLPQLPSWYGRCLQESWGQLASMYSTRERYKWLRFSEDCYLUNVY 226	PRIOR FILING DATE: 1998-03-11	
Qy	146 AFARAPDPOLQMVWPGGAFTVGASSYEGSDLAREKVYLVFLQRGIGFLSTD 205	PRIOR FILING DATE: 1998-03-11	
Db	227 AFARAPDPOLQMVWPGGAFTVGASSYEGSDLAREKVYLVFLQRGIGFLSTD 286	PRIOR FILING DATE: 1998-03-11	
Qy	206 SHARGNWGLLDOMAALRWQNTAAFGCDPGNVTLGCSOGAMISGUMMSPASGLFLHR 265	PRIOR FILING DATE: 1998-03-11	
Db	287 SHARGNWGLLDOMAALRWQNTAAFGCDPGNVTLGCSOGAMISGUMMSPASGLFLHR 346	PRIOR FILING DATE: 1998-03-11	
Qy	266 AISQSCTALFRFLITSNPLKVAKKVVAHLAGCHNHTQVLVNLRALSGTKVNRVSNMRP 325	PRIOR APPLICATION NUMBER: 60/077791	
Db	347 AISQSCTALFRFLITSNPLKVAKKVVAHLAGCHNHTQVLVNLRALSGTKVNRVSNMRP 406	PRIOR FILING DATE: 1998-03-12	
Qy	326 IQLNFDPEIWSMSPVVDGVIIDPLVLQTGKVSSEVLLGTYNLEPNWLLYTM 385	PRIOR APPLICATION NUMBER: 60/078936	
Db	407 IQLNFDPEIWSMSPVVDGVIIDPLVLQTGKVSSEVLLGTYNLEPNWLLYTM 464	PRIOR FILING DATE: 1998-03-20	
Qy	386 KFLPLNRQAMRKETITKWLSTRLLNITKBYQPLVVEYLDDVNEHDWKMLRNRMMDIVQ 445	PRIOR FILING DATE: 1998-03-20	
Db	465 ----- -NITKEQVPLVVEYLDDVNEHDWKMLRNRMMDIVQ 499	PRIOR FILING DATE: 1998-03-20	

PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083496
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083499
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083546
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083548
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083558
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083559
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083550
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084467
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084660
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084598
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085343
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085689
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085570
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 65.1%; Score 2026.5; DB 10; Length 545;
 Best Local Similarity 80.3%; Pred 1.9-180; Matches 399; Conservatve 5; Mismatches 26; Indels 67; Gaps 2;

Qy 6 LPSTVLPSLPTAGWSNRWILQLSLTCLMAGTLALHTRPQVTTKYGLOGKQH
 Db 47 LGSTPRTAPSAPPSSGGTGTGLFGSKPAPGFTGTTNTGALHTKRPQVTTKYGLOGKQH

Qy 66 VGRTPIQVFLGVPSRPPGILRAPPPEPPWKGIRDATTYPPG-----110
 Db 107 VGRTPIQVFLGVPSRPPGILRAPPPEPPWKGIRDATTYPPGSLSLSPGSAVARS 166

RESULT 8
 US-03-978-508A-254
 ; Sequence 254, Application US/09978608A
 ; Publication No. US20030045462A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kliavkin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William J.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2630PIC22
 ; CURRENT APPLICATION NUMBER: US/09/978,608A
 ; CURRENT FILING DATE: 2001-10-16
 ; NUMBER OF SEQ ID NOS: 624
 ; Prior Application removed - See File Wrapper or Palm
 ; SEQ ID NO 254
 ; LENGTH: 545
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

US-09-978-608A-254
 Query Match 65.1%; Score 2026.5;
 Best Local Similarity 80.3%; Pred. No. 1.9e-180;
 Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;
 Qy 6 LPSTLPSLTTAGAGMSMRWILCWSLTCLMAQTALGALHTKRPQVVTYKGTLQGKQMH 65
 Db 47 LGSTSTRATTAPSASSGGTGTGSKPATGFTGTTGALHTKRPQVVTYKGTLQGKQMH 106
 Qy 66 VGKTPIQVELGVPSRPRPLGLTRAPPEPPWKIGRDATTYPPG----- 110
 Db 107 VGKTPIQVELGVPSRPRPLGLTRAPPEPPWKIGRDATTYPPGMSLSPGWSAVARS 166
 Qy 111 -----CLOESNGQLAMIVSTREVYKWLRFSEDCLYLNVY 145
 Db 167 RLTATASRYQASLLPQLSTWGYRCIQLQESNGQLAMIVSTREVYKWLRFSEDCLYLNVY 226
 Qy 146 APARAPGDQDPLPVMWFPGGAFITVGASSYEGSDLAIREKVLVFLQHRLGTFGFSLSTD 205
 Db 227 APARAPGDQDPLPVMWFPGGAFITVGASSYEGSDLAIREKVLVFLQHRLGTFGFSLSTD 286
 Qy 206 SHARGNWGLIDQMAALRWQENIAARGDPENNTLFQSAGAMSISGLMMSPLASGLFHR 325
 Db 287 SHARGNWGLIDQMAALRWQENIAARGDPENNTLFQSAGAMSISGLMMSPLASGLFHR 346
 Qy 266 AISQSGTALPFLPITSNPLKAVKAHLAGCNHNSTQILVNCLRALSGTKMVRSNKMRF 325
 Db 347 AISQSGTALPFLPITSNPLKAVKAHLAGCNHNSTQILVNCLRALSGTKMVRSNKMRF 406
 Qy 326 LQLNFORDPERLTSMSPVYDGVVTFDDPLVLLTQGKVVSPYLGVNLLEFNWLLPYIM 385
 Db 407 LQLNFORDPERLTSMSPVYDGVVTFDDPLVLLTQGKVVSPYLGVNLLEFNWLLPY-- 464
 Qy 386 KPPLNQAMRKETITKMLWSTRLLNITKEQVPLVVEYLDVNNEHDWKMLRNRMDDIVQ 445
 Db 465 -----NITKEQVPLVVEYLDVNNEHDWKMLRNRMDDIVQ 499
 Qy 446 DATFVYATLQTAHYHARD 462
 Db 500 DATFVYATLQTAHYHRE 516
 RESULT 9
 US-09-978-508A-254
 ; Sequence 254, Application US/0997858A
 ; Publication No. US20030045463A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kliavkin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William J.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2630PIC22
 ; CURRENT APPLICATION NUMBER: US/09/978,608A
 ; CURRENT FILING DATE: 2001-10-16
 ; NUMBER OF SEQ ID NOS: 624
 ; Prior Application removed - See File Wrapper or Palm
 ; SEQ ID NO 254
 ; LENGTH: 545
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACIDS Encoding the Same

FILE REFERENCE: P2630P1C15
 CURRENT APPLICATION NUMBER: US/09/978,585A
 CURRENT FILING DATE: 2001-10-16
 NUMBER OF SEQ ID NOS: 624
 Prior Application removed - See File Wrapper or Palm

SEQ ID NO: 254
 LENGTH: 545
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-978-585A-254

Query Match 65.1%; Score 2026.5; DB 10; Length 545;
 Best Local Similarity 80.3%; Pred. No. 1.e-180;
 Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

6 LPSTVPLPLPTAGAGWSMRWILCWLSLTLCLMATAQALGALLTKRPPQVTTKYGTLGKQMH 65
 47 LGSTSTPATTSSSSGGTGTGFLFSKPKATGFTLGGTTNTGALHTKRPQVTTKIGTLQGKQMH 106
 66 VGGTPIQVFLGVPEFSRPLGILRFAPPPEPKGIRDATTYPPG-----110
 107 VGGTPIQVFLGVPEFSRPLGILRFAPPPEPKGIRDATTYPPGMSLALSFGWSAVARS 166

Qy 111 -----CLQESNGOLASNVVSTRERYKWLRFSEDCLYNYY 145
 Db 167 RLTTASRVRQASLLPQLSIVWPGGAFIVGAAISYEGSDLAKEKVVLVFLQRRLGFFGSTDD 205
 Qy 146 APARAPGPQLPVMWPGGAFIVGAAISYEGSDLAKEKVVLVFLQRRLGFFGSTDD 205
 Db 227 APARAPGPQLPVMWPGGAFIVGAAISYEGSDLAKEKVVLVFLQRRLGFFGSTDD 286
 Qy 206 SHARGNWGLDQMAALRVQENTAAGFDPGNVTLFGCGSAGAMSISGIMMSPLASGLFHR 265
 Db 287 SHARGNWGLDQMAALRVQENTAAGFDPGNVTLFGCGSAGAMSISGIMMSPLASGLFHR 346
 Qy 256 ALSQSGTALFRITTSNLKVKVVAHLAGCNHNSTOLVNCIRALSGTAKMVRVSNMRF 325
 Db 347 ALSQSGTALFRITTSNLKVKVVAHLAGCNHNSTOLVNCIRALSGTAKMVRVSNMRF 406

Qy 326 LQINFORDEEITIWSMSPVVDGVIPODPVLLTQKGKSSPYLGYNNLEFNWLLPYIM 385
 Db 407 LQINFORDEEITIWSMSPVVDGVIPODPVLLTQKGKSSPYLGYNNLEFNWLLPY-- 464
 Qy 386 KFPINRQMRKETITKOMWLNSTRLLNITEKQVPLVVEYLDVNNEHDWKMLRNRMNDIVQ 445
 Db 465 -----NITKEQVPLVVEYLDVNNEHDWKMLRNRMNDIVQ 499

Qy 446 DATFVYATLQTAYHRD 462
 Db 500 DATFVYATLQTAYHRE 516

RESULT 10
 US-09-978-585A-254
 Sequence 254, Application US/09978191A
 Publication No. US2003050239A1
 GENERAL INFORMATION
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081195
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PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
. PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/082336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083395
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083396
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083399
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366

Db 465 ----- NTTCQVPLVEYLDNYNEHDQMLRMMDDVQ 499
 Qy 446 DATFVYATLQTAYTHRD 462
 Db 500 DATFVYATLQTAYTHRE 516

RESULT 11
 US-09-978-403A-254
 Sequence 254, Application US/09978403A
 Publication No. US20030050240A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Pong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630P1C17
 CURRENT APPLICATION NUMBER: US/09/978,403A
 CURRENT FILING DATE: 2002-03-19
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078939
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079394
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079656
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079664
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079689
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079693
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079728
 PRIOR APPLICATION NUMBER: 60/07976
 PRIOR FILING DATE: 1998-03-27
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 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/079923
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/080105
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080107
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080194
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080227
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 PRIOR FILING DATE: 1998-04-21
 PRIOR APPLICATION NUMBER: 60/082569
 PRIOR FILING DATE: 1998-04-21
 PRIOR APPLICATION NUMBER: 60/082700
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082797
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082796
 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336

Prior Filing Date: 1998-04-27
Prior Application Number: 60/083322
Prior Filing Date: 1998-04-28
Prior Application Number: 60/083392
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083495
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083496
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083499
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083495
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083496
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083499
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Prior Filing Date: 1998-04-29
Prior Application Number: 60/083558
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083559
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083500
Prior Filing Date: 1998-04-29
Prior Application Number: 60/083742
Prior Filing Date: 1998-04-30
Prior Application Number: 60/084366
Prior Filing Date: 1998-05-05
Prior Application Number: 60/084414
Prior Filing Date: 1998-05-06
Prior Application Number: 60/084441
Prior Filing Date: 1998-05-06
Prior Application Number: 60/084637
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084639
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084640
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084598
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084600
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084627
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084643
Prior Filing Date: 1998-05-07
Prior Application Number: 60/085339
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085338
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085323
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085582
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085700
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085689
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085579
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085580
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085573
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085704
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085697

Query Match Score: 2026.5; DB 10; Length 545;
Best Local Similarity: 80.3%; Pred. No. 1.9e-180;
Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

66 VGRKTPIQVFLGVPFSRPPPLGLIRFAPPPEPMKGIRDATTYPPG-----
107 VGRKTPIQVFLGVPFSRPPPLGLIRFAPPPEPMKGIRDATTYPPG-----
111 CLOBSWGOIAMSIVSTREYKWLRFSEDCLYLNVY 145
167 RLTATASRQASLLPQLSWGYRCIOLSGOIAMSIVSTREYKWLRFSEDCLYLNVY 226
Db Qy 146 APARAPGDPOLPVMWPGCAPIVGAAASSYEGSDDLAAREKUVLVLQHRLGIFGFLSTDD 205
Db 107 APARAPGDPOLPVMWPGCAPIVGAAASSYEGSDDLAAREKUVLVLQHRLGIFGFLSTDD 286
Db Qy 206 SHARGNWGLLDOMAARLWQENIAFGDPGNVTLFGSAGAMSIIGLMMSPLAGLFLHR 265
Db 287 SHARGNWGLLDOMAARLWQENIAFGDPGNVTLFGSAGAMSIIGLMMSPLAGLFLHR 346
Db Qy 266 AISQSCTALFRFLFTSNPLKTVAKKVAHLAGCNCNHSQTQLVNCIARLSCTKVMEVSKNMKF 325
Db 347 AISQSCTALFRFLFTSNPLKTVAKKVAHLAGCNCNHSQTQLVNCIARLSCTKVMEVSKNMKF 406
Db Qy 326 LQLNFQDPEELIWSMSPVUDGVVIPDPDVLTQGVSVPVLLGIVNNLEFWMLLPYIM 385
Db 407 LQLNFQDPEELIWSMSPVUDGVVIPDPDVLTQGVSVPVLLGIVNNLEFWMLLPY-- 464
Db Qy 386 KFPLNROAMRKETITKMLWSTRTLNLITKEQVPLVVEEYLDNNEHDWKLRLRNMMDIVQ 445
Db 465 -----NITKEQVPLVVEEYLDNNEHDWKLRLRNMMDIVQ 499
Db Qy 446 DATFVYATLQTAHYRD 462
Db 500 DATFVYATLQTAHYRD 516

RESULT 12
US-09-978-564A-254
Sequence 254, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filovoff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheldon, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William J.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
; FILE REFERENCE: E226301C25
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/915585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/0862250

Query Match Score: 2026.5; DB 10; Length 545;
Best Local Similarity: 80.3%; Pred. No. 1.9e-180;
Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

6 LPSTVLPPLPTAGAGNSMRWLCSLTLCLMAQTAGLHTKRQPVVTKYGTLOGKMH 65
47 LGSTSTPATSSGFGTGLFGSKPATGETGNTGALHTKRQPVVTKYGTLOGKMH 106

PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
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PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09

Query Match 65.1%; Score 2026.5; DB 10; Length 545;
 Best Local Similarity 80.3%; Pred. No. 1..9e-180;
 Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

Qy 6 LPSTVLPSLPLTAAAGWSRWRWLWSLTCLMACTALGALHTKRQVTVKGTIQLGKMH 65
 Db 47 LGSTSPATAPSFSGFTGLFSKPAFTLGTNTGALHTKRQVTVKGTIQLGKMH 106
 Qy 66 VGRKPIQVFLGVPSRSPRLGIRAPPPEPKWKGIRDATTYPPG----- 110
 Db 107 VGRKPIQVFLGVPSRSPRLGIRAPPPEPKWKGIRDATTYPPGWSLALSPOWSA7RS 166
 Qy 111 -----CLOESWGQLASMYMVSTRYKMRFSEDCLYNRY 145
 Db 167 RLTTASRVQASLLPQPLSVWGYRCLESWGQLASMYVSTRYKMRFSEDCLYNRY 226
 Qy 146 APARAPGIDQLPVMWPGCAFTVGAASSYEGSPLAAEKVVLFLQRQLGFGLSTDD 205
 Db 227 APARAPGIDQLPVMWPGCAFTVGAASSYEGSPLAAEKVVLFLQRQLGFGLSTDD 286
 Qy 206 SHARGNWGLIDOMAALRVQENTAAGGDPGNVTLFGQSAGAMSIIGLIMMSPLASGLFHR 265
 Db 287 SHARGNWGLIDOMAALRVQENTAAGGDPGNVTLFGQSAGAMSIIGLIMMSPLASGLFHR 346
 Qy 266 AISQS GTALFRPLPTS NPKVAKVVAHLAGCNNSTQLVNCRLASLT KVRVSNKRF 325
 Db 347 AISQS GTALFRPLPTS NPKVAKVVAHLAGCNNSTQLVNCRLASLT KVRVSNKRF 406
 Qy 326 LQINFORDEEITWMSMSPVVDGTVIPDPLVLITQGKISSVPVTLGTVNLNFWMLPTIM 385
 Db 407 LQINFORDEEITWMSMSPVVDGTVIPDPLVLITQGKISSVPVTLGTVNLNFWMLPTI-- 464
 Qy 386 KFPLNRQAMRKETITKMLWSTRLTINITEQPVLPVVEYLDNNTNEHDKMLRNMDIVQ 445
 Db 465 -----NITKEQVPLVVEYLDNNTNEHDKMLRNMDIVQ 499

Qy 446 DATFVYATLQTQAHYRD 462
 Db 500 DATFVYATLQTQAHYRE 516

RESULT 13
 US-09-999-833A-254 Application US/09999833A
 Publication No. US20030034405A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Pong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
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PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082894
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR APPLICATION NUMBER: 60/083550
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742

Query Match 65.1%; Score 2026.5; DB 10; Length 545;
Best Local Similarity 80.3%; Pred. No. 1.9e-180;
Matches 399; Conservative 5; Mismatches 26; Indels 67; Gaps 2;

Qy 6 LPSTVILPSLPTAGAGWSMRWILCNSLTLCLMAQTPLAQLGHLTKPQQVVTYGTLOGKOMH 65
Dy 47 LGSTSTRATPSAPSOFGTGLFGSKPATGFTLGGTNTGALHTKRPQQVVTYGTLOGKOMH 106

Qy 66 VGKTPPQVFUGVPFSPPPLGILRFAPEPPPKGTRDATTYPPG----- 110
Dy 107 VGKTPPQVFUGVPFSPPPLGILRFAPEPPPKGIRDATTYPPGMSLALS PGMSAVARS 166

Qy 111 ----- CLOESWGOLASMYSTTRYKWLRFSEDCILYNTY 145
Dy 167 RLTATASRYOASLLEQPLISVGTYCQLQESWGOLASMYSTTRYKWLRFSEDCILYNTY 226

Qy 146 APARAGDPOLPVIMWFPGSAFIVGAASSEYEGSDLAAREKVLYFLQHRLGIGFLSTDD 205
Dy 227 APARAGDPOLPVIMWFPGSAFIVGAASSEYEGSDLAAREKVLYFLQHRLGIGFLSTDD 286

Qy 206 SHARGNWLGLDQMAALRwYENIAAFGGDPGNVILFGOSAGAMSISGLMSPLASGLFHR 265
Dy 287 SHARGNWLGLDQMAALRwYENIAAFGGDPGNVILFGOSAGAMSISGLMSPLASGLFHR 346

Qy 266 A1SQS7ALPRLFTINMSMSPYDGVNIPDPFLYLLTOGKVSVPLGNNLEFNWLLPYIM 385
Dy 347 A1SQS7ALPRLFTINPLVKVAKVHALGCGNENSTQVLVNCRLSAGTCKMVRYSNKMRF 406

Qy 326 LQLNFDPDEEIIWMSMSPYDGVNIPDPFLYLLTOGKVSVPLGNNLEFNWLLPYIM 385
Dy 407 LQLNFDPDEEIIWMSMSPYDGVNIPDPFLYLLTOGKVSVPLGNNLEFNWLLPY-- 464

QY 386 KFPLNRQAMRKETITKMLASTRLINITKQVPLVVEYLDNVTNEHDWMLRNRMMDIVQ 445
 ;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----
 Db 465 -----;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----
 QY 446 DATPVATLQTAHYRD 462
 ;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----
 Dd 500 DATPVATLQTAHYRE 516
 ;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----;-----

RESULT 14
 US-09-981-915A-254
 ; Sequence 254, Application US/09981915A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Borstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Perrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas P.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C12
 ; CURRENT APPLICATION NUMBER: US/09/981, 915A
 ; CURRENT FILING DATE: 2001-10-16
 ; PRIOR APPLICATION NUMBER: 09/185885
 ; PRIOR FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/064249
 ; PRIOR FILING DATE: 1997-11-03
 ; PRIOR APPLICATION NUMBER: 60/065311
 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066364
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